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WORLD TRADE IN DAIRY PRODUCTS,
1956, 1957 AND INDICATIONS FOR 1958

Summary

World trade in dairy products in 1957 continued, with minor exceptions, to follow traditional patterns. New Zealand, Australia, the Netherlands and Denmark continued as the principal surplus producers. The United Kingdom and West Germany, despite a substantially greater domestic output of milk and dairy products, were the principal importing countries.

Surplus production of milk and dairy products throughout most of Western Europe in 1957 contributed a considerable degree of instability to prices for such items as butter and cheese. The availability of butter and cheese from numerous minor exporting countries at reduced prices resulted in a somewhat larger percentage of total exports being supplied by minor or non-traditional exporters.

Indications for 1958 point to still greater total trade in dairy products. Shipments of butter will be up substantially, mainly because of larger shipments from New Zealand and the Netherlands to the United Kingdom. Cheese exports will probably show a slight gain over 1957.

Exports of canned milk will be down slightly. Shipments of evaporated milk will be down because of reduced exports from the United States. Shipments of condensed milk are expected to be about the same as in 1957. Trade in dry whole milk will also be about the same as in 1957 but exports of non-fat will be somewhat higher.

Butter

Exports in 1957 reached a postwar peak of 1.1 billion pounds, an increase of about 6 percent over the high level of 1956. Increased trade in 1957 was significant mainly because total exports from the leading supplying countries, New Zealand, Denmark, and Australia, were down about 10 percent from 1956. Only the Netherlands, normally the fourth ranking exporting country, showed a gain in 1957. The bulk of the increase in total shipments came from minor exporting countries of Western Europe: Austria, Finland, France, Ireland, Norway and Sweden. Shipments from these countries went mainly to major markets, the United Kingdom and West Germany.

Butter exports from the United States in 1957 were down sharply, totaling a little less than 10 million pounds, about 40 percent of which were commercial exports. Commercial exports declined mainly because of the higher price of U. S. butter compared with butter from other exporting countries. Commercial exports from the United Stated in 1955 and 1956 averaged over 20 million pounds. Total exports from the United States in 1957 dropped because of discontinuance of shipments under Title III (donations) of Public Law 480.

Trade data for the first 3 quarters of the year indicate that exports of butter in 1958 will again be up substantially. Shipments from New Zealand and the Netherlands will be up considerably over 1957 and Denmark's exports will be about the same, to slightly above the 1957 level. Shipments from Australia, and the minor supplying countries of Western Europe, will be about the same as in 1957.

Butter imports into the United Kingdom in 1958 will again be larger, approaching the 1-billion-pound level for the first time in the postwar period. Imports into West Germany will drop considerably because of increased local production and consequent withholding of import tenders.

Cheese

Based on more complete data obtained recently, exports in 1957 were higher, up about 2.5 percent over the high level of trade in 1956. Much of the gain in total trade was due to a 9 percent increase in exports from Denmark, third-ranking cheese exporting country. Denmark was the only major supplier to show a gain over 1956. Shipments from other major suppliers - the Netherlands and New Zealand, alternately first- and second-ranking cheese exporters - were down 6 percent and 3 percent, respectively. Exports from France and several other minor supplying countries of Western Europe were up substantially.

United Kingdom imports were down because of sharply increased domestic production of cheese, but a 14 percent increase in West Germany's imports practically offset this decrease. Imports into Italy and Belgium were also larger, and total imports into Western Europe increased by about 2.4 percent, accounting for most of the increased trade.

Cheese exports in 1958 will probably show a slight increase over 1957. Exports from Denmark and the Netherlands will be substantially larger, but exports from New Zealand and Australia will be down slightly. Total exports from minor suppliers in Western Europe - mainly France, Switzerland, Norway and Finland - will also decline.

Dry whole milk

World trade in dry whole milk, continuing the upward trend of recent years, was significantly higher in 1957, amounting to 205 million pounds, a gain of 12 percent over 1956. The Netherlands continued as the leading exporter, with shipments 4 percent over the previous year. Denmark, with a 64 percent gain, displaced the United States as the second largest exporter. The United States ranked third in 1957, holding the previous year's level of 40 million pounds.

U. S. prices of dried whole milk in 1957 continued high in relation to prices of this product from other exporting countries. It was only because of an established trade with Venezuela, plus certain transportation advantages, that the United States continued as major supplier in the Venezuelan market which accounts for almost one-third of world trade in dry whole milk. Despite an increase of almost 9 million pounds in Venezuela's 1957 imports, U. S. exports to that market showed a gain of only 1 million pounds. Denmark was the principal gainer in Venezuela's expanded market, increasing its exports to that country from 1.3 million pounds in 1956 to 8.3 million in 1957.

Imports of dry whole milk into Western Europe were up about 8 percent over 1956. West Germany's imports were up sharply. Denmark and the Netherlands were the principal suppliers. U. K. imports were about the same as in 1956, mostly from New Zealand.

Indications are that trade in dry whole milk in 1958 will not exceed 1957. Export data for the first 3 quarters indicate that shipments from the leading suppliers - the Netherlands, the United States, and Denmark - were well behind shipments during this period in 1957.

Nonfat dry milk

World trade in nonfat dry milk during 1957 continued to expand. Commercial exports totaled 236 million pounds, a gain of 9 percent over 1956. Commercial exports from the United States, including sales for foreign currency under Title I of Public Law 480, although small in comparison to total shipments of nonfat, were up 16 percent. New Zealand's exports of nonfat were up sharply. With exports totaling 107 million pounds, a gain of 37 percent over 1956, New Zealand continued to be the leading commercial exporter of nonfat dry milk. Shipments from other major exporting countries - Australia and the Netherlands - were down substantially.

Western Europe and Asia were the principal markets for nonfat, with the United Kingdom continuing as the major market in Europe, and India the major importing country in Asia. Mexico and the Philippines were also important markets, importing mainly from the United States.

Trade in nonfat dry milk in 1958 will again increase. U. S. exports, exclusive of donations, will be down moderately, but shipments from Canada will be up sharply. Canada's exports of nonfat in 1958 have been tentatively estimated at 40 million pounds. A substantial amount of this product was moved under special programs, involving concessional sales for restricted uses. However, commercial sales will be far in excess of the 0.7 million pounds shipped in 1957. Exports from New Zealand in 1958 will probably be somewhat below 1957.

Evaporated whole milk

World exports of evaporated whole milk in 1957 totaled 441 million pounds, a gain of 7 percent over the high level in 1956. The Netherlands and the United States continued as dominant suppliers, accounting for about 82 percent of total shipments. Exports from the Netherlands in 1957 were up 6 percent from the previous year, but U. S. exports were down about 4 percent. The Netherlands export market for evaporated milk is broadly based, and substantial shipments go to all areas outside the Soviet Bloc. Exports from the United States in 1957 continued to be highly concentrated, about 75 percent of total shipments going to the Philippines and 20 percent to Western Hemisphere markets, mainly Mexico and Cuba.

The Philippines continued to be the principal market for evaporated milk in 1957, taking about 60 percent of total world exports. Africa, Western Europe, and South America were also important outlets. Shipments to South America were up significantly.

Exports of evaporated milk will be down in 1958. Through October, exports from the United States, the second-ranking exporter of this product, were well below shipments during the comparable period in 1957. Data for the first 3 quarters indicate that shipments from the Netherlands will hold at about the same level as in 1957.

Condensed whole milk

Contrary to the upward trend in exports of other dairy products, exports of condensed milk in 1957 were down. Exports from the major supplying countries totaled 531 million pounds, a 7 percent decline from 1956. The Netherlands continued to be the major supplier, accounting for 50 percent of total exports. Denmark, the United Kingdom, Australia, the United States, France, and Switzerland supplied most of the remaining 50 percent. Asia, traditionally the major market for condensed milk, again took about 70 percent of total exports. Imports into the area, however, were off about 10 percent from the previous year.

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Table 1 - Butter 1/: Exports of major supplying countries by destination, 1956 and 1957 2/

Destination	Argentina		Australia		Denmark		France		Netherlands		New Zealand		Sweden		United States 3/		Other		Total	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Western Europe																				
Belgium-Luxembourg	—	—	4/ —	—	1.3	1.6	4/ —	4/ —	10.7	11.9	1.1	—	—	—	4/ —	—	—	—	13.1	13.5
France	4.6	0.1	.1	5/ —	9.4	.3	—	—	8.4	.3	4/ —	—	5.3	—	4.1	—	2.2	.7	34.1	1.4
Germany, West	—	—	4.6	3.1	26.7	33.1	.8	2.6	12.5	18.1	6.7	3.1	16.0	21.2	7.1	—	1.8	20.9	76.2	102.1
Italy	1.7	0.4	2.9	2.6	3.6	2.6	1.8	5.7	5.7	11.2	1.6	2.6	.8	1.4	—	—	13.4	9.6	31.5	36.1
Switzerland	—	—	—	4/ —	1.9	.7	1.4	1.9	1.2	3/ —	—	—	4.2	4.1	—	1.0	1.7	7.4	10.4	15.1
United Kingdom	20.6	26.3	161.4	115.1	194.9	192.0	1.3	1.8	20.8	27.9	334.6	304.3	4.2	29.6	.2	—	21.5	121.3	759.5	818.3
Other	—	—	.6	.2	1.0	—	—	—	1.2	1.4	—	—	—	—	.9	—	3.7	1.6	7.4	3.2
Total	2[illegible].9	26.8	169.6	121.0	238.8	230.3	5.3	12.0	60.5	70.8	344.0	310.0	30.5	56.3	12.3	1.0	44.3	161.5	932.2	989.7
Eastern Europe																				
Czechoslavakia	0.8	—	—	—	1.3	1.4	5/ —	—	.1	5/ —	7.7	—	.4	—	—	—	6/ —	6/ —	10.3	1.4
Germany, East	—	—	—	—	10.3	3.4	—	—	1.3	5/ —	—	—	1.9	1.0	—	—	—	—	13.5	4.4
Total	.8	—	—	—	11.6	4.8	—	—	1.4	—	7.7	—	2.3	1.0	—	—	6/ —	6/ —	23.8	5.8
North America																				
British West Indies	—	—	.6	.7	—	—	—	—	—	—	4.7	4.1	—	—	.1	.1	.4	1.6	5.8	6.5
Cuba	—	—	—	—	.2	—	—	—	—	—	—	—	—	—	1.2	1.1	—	.1	1.4	1.2
Netherlands W. Indies	—	—	.3	.2	.1	—	—	—	.3	.3	.5	.3	—	—	.1	.1	—	.2	1.3	1.1
Panama	—	—	4/ —	4/ —	—	—	—	—	—	—	1.3	1.9	—	—	.7	.3	—	—	2.0	2.2
United States	.2	—	.1	4/ —	7/ 1.1	7/ 2.5	—	—	—	—	.8	2.2	—	—	—	—	—	—	2.2	4.7
Other	.2	.1	.1	.1	.4	1.2	—	—	.3	.6	.6	.5	—	—	.9	.2	—	—	2.5	2.7
Total	.4	.1	1.1	1.0	1.8	3.7	—	—	.6	.9	7.9	9.0	—	—	3.0	1.8	.4	1.9	15.2	18.4
South America																				
Peru	2.7	2.9	.1	.2	.9	.9	—	—	—	—	—	.1	—	.1	.6	.4	—	.1	4.3	4.7
Venezuela	—	—	—	—	1.0	—	—	—	.1	—	—	—	—	—	.2	5/ —	—	—	1.3	—
Other	0.7	2.2	.4	.1	—	—	—	—	.5	.5	.2	.7	—	—	5/ —	5/ —	—	—	1.8	3.5
Total	3.4	5.1	.5	.3	1.9	.9	—	—	.6	.5	.2	.8	—	.1	.8	.4	—	.1	7.4	8.2
Asia																				
Israel	—	—	—	4/ —	.1	.3	—	—	—	—	—	—	—	—	4.6	.7	—	—	4.7	1.0
Lebanon	—	—	.1	4/ —	1.0	1.1	—	—	.1	.4	—	—	—	—	—	—	—	—	1.2	1.5
Ceylon	—	—	2.1	2.2	—	—	—	—	—	—	.3	.2	—	—	—	—	—	—	2.4	2.4
Hong Kong	—	—	1.5	1.7	—	—	—	—	—	—	.3	.3	—	—	—	—	—	—	1.8	2.0
India	—	—	0.6	.1	—	—	—	—	—	—	.9	.2	—	—	—	—	—	—	1.5	.3
Malaya and Singapore	—	—	5.8	5.6	.1	—	—	—	—	.1	.5	.5	—	—	—	—	—	—	6.4	6.2
Philippines	—	—	.6	1.9	.1	—	—	—	—	—	.7	2.2	—	—	.9	.1	—	—	2.3	4.2
Other	—	—	2.3	2.5	.7	—	.1	—	.1	.1	5/ —	5/ —	—	—	8/ 2.0	8/ 3.1	—	—	5.2	5.7
Total	—	—	13.0	14.0	2.0	1.4	.1	—	.2	.6	2.7	3.4	—	—	7.5	3.9	—	—	25.5	23.3
Africa																				
Algeria	—	0.7	—	—	1.2	3.0	2.5	4.3	3.1	3.6	—	—	2.6	.6	—	—	.4	1.3	9.8	13.5
Belgian Congo	—	—	—	—	1.1	1.3	—	—	1.0	.6	.6	.6	—	—	—	—	—	.5	2.7	3.0
French W. Africa	—	—	—	—	.3	.4	1.0	1.3	.9	.6	—	—	—	—	—	—	—	—	2.2	2.3
Morocco	—	0.1	4/ —	4/ —	5.0	2.7	4/ —	1.5	.3	1.2	—	—	.1	—	—	—	1.3	.4	6.7	5.9
Tunisia	—	0.2	4/ —	4/ —	1.2	9/ —	.1	.6	.2	.2	—	—	—	—	—	—	—	—	1.5	1.0
Other	.3	0.4	1.1	1.5	.4	—	1.5	2.6	.7	.6	.9	.1	1.4	1.3	—	.1	—	—	6.3	6.6
Total	.3	1.4	1.1	1.5	9.2	7.4	5.1	10.3	6.2	6.8	1.5	.7	4.1	1.9	—	.1	1.7	2.2	29.2	32.3
Oceania	—	—	1.1	1.5	—	—	—	—	—	—	1.7	.7	—	—	5/ —	5/ —	.1	—	2.9	2.2
All others	5.1	—	2.2	1.4	.8	10/ 9.3	—	—	.1	.3	—	1.3	—	11/ 6.2	—	.1	10.5	18.6	18.7	37.2
Grand Total	36.9	33.4	188.6	140.7	266.1	257.8	10.5	22.3	69.6	79.9	365.7	325.9	36.9	65.5	23.6	7.3	57.0	184.3	1,054.9	1,117.1

1/ Includes butter equivalent of anhydrous butterfat and ghee. 2/ Preliminary 3/ Exclusive of donations under Public Law 480. 4/ If any included in other. 5/ Less than 50,000 pounds. 6/ Not available.
7/ Including shipments to U. S. Armed forces in Germany. 8/ Mainly Title I Shipments to Pakistan. 9/ Included with Algeria. 10/ 6.6 million to the U.S.S.R. 11/ 4.9 million to Poland.

Table 2 - Cheese: Exports of major supplying countries, by destination, 1956 and 1957 1/

Destination	Australia		Denmark		Finland		France		Italy	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Western Europe										
Austria	—	—	0.6	0.3	—	1.1	—	—	0.6	0.4
Belgium-Luxemburg	2/ —	—	1.7	2.1	3.6	3.8	3.5	4.0	1.0	0.5
France	—	—	0.5	0.8	4.0	2/ —	—	—	5.3	5.5
Germany, West	—	—	64.5	77.6	1.1	5.7	0.4	1.8	1.2	1.5
Greece	2/ —	2/ —	0.3	—	0.3	0.3	—	—	0.5	0.7
Italy	—	—	4.6	6.3	3.7	1.2	—	1.7	—	—
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	5.6	6.0	0.3	0.4	—	—	0.1	0.1
Switzerland	—	—	0.2	—	—	—	0.6	0.8	7.8	8.2
United Kingdom	34.5	24.2	24.8	23.7	0.1	0.2	1.8	2.0	3.9	2.5
Other	0.2	2/ —	0.8	0.5	2/ —	0.3	0.1	0.1	0.9	1.1
Total	34.7	24.2	103.6	117.3	13.1	13.0	6.4	10.4	21.3	20.5
Eastern Europe										
Czechoslovakia	—	—	1.0	0.4	1.0	2.2	—	—	—	—
East Germany	—	—	3.8	1.6	8.0	8.6	—	—	—	—
Other	—	—	—	—	.7	1.1	—	—	—	—
Total	—	—	4.8	2.0	9.7	11.9	—	—	2/ —	—
North America										
British West Indies	0.1	0.1	—	—	—	—	—	—	2/ —	—
Canada	—	—	2.0	2.0	2/ —	—	0.2	0.5	1.7	1.4
Cuba	—	—	0.1	—	2/ —	—	—	—	0.1	2/ —
Mexico	—	—	0.1	0.1	—	—	—	—	2/ —	2/ —
Netherlands W. Indies	—	—	—	—	—	—	—	—	2/ —	—
United States	—	—	3/ 7.3	3/ 6.4	0.8	0.9	1.9	2.3	22.0	19.0
Other	2/ —	2/ —	—	—	—	—	—	—	0.1	2/ —
Total	0.1	0.1	9.5	8.5	0.8	0.9	2.1	2.8	23.9	20.4
South America										
Peru	—	2/ —	0.6	1.0	—	—	—	—	0.1	2/ —
Venezuela	—	—	2.9	3.0	—	—	—	—	1.9	1.4
Other	2/ —	—	0.1	—	2/ —	—	—	—	—	2/ —
Total	2/ —	2/ —	3.6	4.0	—	—	—	—	2.0	1.4
Asia										
Israel	—	—	—	—	—	—	—	—	2/ —	—
Japan	0.3	0.1	0.3	—	2/ —	—	—	—	0.1	2/ —
Lebanon	0.1	0.1	0.1	—	2/ —	—	—	—	0.4	0.4
Malaya and Singapore	1.0	0.8	0.1	—	2/ —	—	—	—	2/ —	—
Philippines	1.0	2.4	—	—	—	—	—	—	2/ —	—
Turkey	—	—	—	—	—	—	—	—	—	—
Other	3.4	1.4	—	—	—	—	—	—	0.2	0.4
Total	5.8	4.8	0.5	—	2/ —	—	—	—	0.7	0.8
Africa										
Algeria	—	—	1.0	1.7	2.0	1.4	23.0	29.4	0.1	0.1
Belgian Congo	2/ —	.1	—	—	—	—	—	—	0.1	0.1
Egypt	0.1	—	0.3	—	2/ —	0.7	—	—	0.5	0.1
French West Africa	2/ —	2/ —	—	—	2/ —	—	2.3	2.7	—	2/ —
Morocco	—	—	1.8	1.2	1.1	0.4	4.5	5.5	0.2	0.1
Tunisia	—	—	0.2	4/ —	0.7	0.3	2.3	2.6	0.2	0.1
Other	0.4	1.6	—	.5	—	—	0.8	1.6	1.0	0.6
Total	0.5	1.7	3.3	3.4	3.8	2.8	32.9	41.8	2.1	1.1
Oceania	0.3	0.3	0.3	0.3	—	—	—	—	0.3	0.1
All Others	0.4	0.8	1.8	2.8	0.1	0.5	3.3	2.5	0.1	5.2
Grand total	41.8	31.9	127.5	138.3	27.5	29.1	44.7	57.5	50.4	49.5

1/ Preliminary 2/ Less than 50,000 - included in other. 3/ Includes shipments to U. S. Armed Forces overseas.

Table 2 - Cheese: Exports of major supplying countries, by destination, 1956 and 1957 1/--cont.

Netherlands		New Zealand		Switzerland		United States		Others		Total	
1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
0.4	0.3	—	—	2/ —	0.1	0.3	0.1	1.3	1.5	3.2	3.8
54.5	53.4	—	—	4.3	4.6	2.6	2.1	6.5	8.0	77.7	78.5
4.4	4.5	—	—	12.9	10.5	2/ —	2/ —	.9	2.3	28.0	23.6
84.4	81.7	—	0.8	3.6	4.4	0.1	0.5	3.7	8.2	159.0	182.2
0.4	0.4	—	—	0.1	0.1	1.2	0.7	3.5	7.9	6.3	10.1
2.6	1.8	—	—	14.6	15.4	—	1.6	13.2	18.1	38.7	46.1
1.0	0.6	—	—	0.1	0.1	—	—	—	—	1.1	0.7
3.9	3.6	—	—	0.4	0.5	—	—	0.7	0.9	11.0	11.5
1.1	1.3	—	—	—	—	—	—	0.6	0.9	10.3	11.2
15.7	13.4	193.1	187.0	1.7	1.8	5.3	2/ —	20.3	22.1	301.2	276.9
0.7	0.4	—	—	0.7	0.6	2/ —	2/ —	9.1	17.5	12.5	20.5
169.1	161.4	193.1	187.8	38.4	38.1	9.5	5.0	59.8	87.4	649.0	665.1
—	—	—	—	0.7	—	—	—	0.2	—	2.9	2.6
0.3	2/ —	—	—	—	—	—	—	—	—	12.1	10.2
—	—	—	—	2/ —	—	—	—	—	—	0.7	1.1
0.3	—	—	—	0.7	—	—	—	0.2	—	15.7	13.9
0.5	1.0	4.0	3.3	2/ —	2/ —	0.1	0.1	—	—	4.7	4.5
1.1	1.1	—	2/ —	1.8	2.0	1.4	0.9	0.8	1.5	9.0	9.4
1.5	1.3	—	—	2/ —	0.1	0.6	0.5	—	0.1	2.3	2.0
0.4	0.4	—	—	0.1	0.1	0.7	0.8	—	0.2	1.3	1.6
1.1	1.2	—	—	2/ —	2/ —	0.1	0.1	0.1	0.2	1.3	1.5
4.5	4.3	1.8	1.5	10.9	10.8	—	—	4.5	5.7	53.7	50.9
1.0	0.5	0.2	0.3	0.2	2/ —	1.0	1.0	—	—	2.5	1.8
10.1	9.8	6.0	5.1	13.0	13.0	3.9	3.4	5.4	7.7	74.8	71.7
0.3	0.3	—	—	2/ —	0.1	2/ —	0.1	0.8	0.7	1.8	2.2
3.3	4.5	—	—	0.2	0.2	1.5	2.2	3.9	4.2	13.7	15.5
0.9	0.8	0.4	0.4	0.1	2/ —	—	—	—	—	1.5	1.2
4.5	5.6	0.4	0.4	0.3	0.3	1.5	2.3	4.7	4.9	17.0	18.9
—	—	—	—	—	2/ —	1.3	3.5	3.6	0.1	4.9	3.6
1.1	1.0	2/ —	—	2/ —	2/ —	2/ —	—	—	0.3	1.8	1.4
0.7	1.0	2/ —	—	0.1	0.1	2/ —	—	5.6	5.0	7.0	6.6
0.2	0.2	2/ —	2/ —	2/ —	2/ —	—	—	—	—	1.3	1.0
0.6	0.7	—	0.1	2/ —	2/ —	0.2	0.1	1.0	—	2.8	3.3
—	—	—	—	—	2/ —	—	—	—	—	—	—
3.0	2.3	0.1	2/ —	0.2	0.1	—	1.0	—	—	6.9	5.2
5.6	5.2	0.1	0.1	0.3	0.2	1.5	4.6	10.2	5.4	24.7	21.1
2.2	1.8	—	—	0.2	0.1	—	—	0.1	0.1	28.6	34.6
0.7	0.6	—	—	0.3	0.3	2/ —	—	1.2	1.4	2.3	2.5
2.2	0.2	2/ —	—	0.1	2/ —	—	—	1.5	1.9	4.7	2.9
0.1	0.1	—	—	2/ —	0.1	—	—	0.4	0.1	2.8	3.0
2.5	1.6	—	—	0.1	0.1	2/ —	2/ —	0.3	1.3	10.5	10.2
0.9	0.3	—	—	—	—	—	—	—	—	4.3	3.3
2.0	2.0	—	0.5	0.3	0.5	0.1	—	0.1	0.1	4.7	7.4
10.6	6.6	2/ —	0.5	1.0	1.1	0.1	2/ —	3.6	4.9	57.9	63.9
2/ —	2/ —	0.5	0.5	—	0.1	—	—	—	—	1.4	1.3
0.2	—	—	—	—	0.2	1.8	1.5	0.1	0.2	7.8	13.7
200.4	188.6	200.1	194.4	53.7	53.0	5/ 18.3	5/ 16.8	84.0	110.5	848.3	869.6

4/ Included with Algeria. 5/ Exclusive of donations under Public Law 480.

Table 3 - Dry Whole Milk: Exports of major supplying countries by destination 1956 and preliminary 1957

Destination	Australia		Canada		Denmark		Netherlands		United States		Other		Total	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Western Europe														
Belgium-Luxembourg	--	--	--	--	--	--	12.8	13.7	1/ --	1/ --	--	--	12.8	13.7
France	--	--	--	--	--	--	1.1	0.1	--	--	--	--	1.1	0.1
Germany, Fed. Rep. of	--	--	--	--	0.5	6.9	8.4	9.6	1/ --	1/ --	0.6	1.4	9.5	17.9
Greece	--	--	--	--	--	--	1.6	1.6	--	--	--	--	1.6	1.6
Switzerland	--	--	--	--	0.4	1.1	1.3	1.5	--	--	--	--	1.7	2.6
United Kingdom	1.6	1.4	--	--	1.4	1.4	4.2	3.4	--	--	2/ 7.5	2/ 8.3	14.7	14.5
Yugoslavia	--	--	--	--	--	--	1.0	--	--	--	--	--	1.0	--
Others	--	--	--	--	0.5	0.6	0.3	--	0.2	--	0.1	0.4	1.1	1.0
Total	1.6	1.4	--	--	2.8	10.0	30.7	29.9	0.2	1/ --	8.2	10.1	43.5	51.4
Eastern Europe	--	--	--	--	0.5	0.4	0.4	1.2	--	--	--	--	0.9	1.6
North America														
British West Indies	--	--	1.5	1.6	1.4	0.2	1.2	1.5	0.1	0.1	0.1	0.2	4.3	3.6
Costa Rica	--	--	0.5	--	0.6	1.0	0.7	0.8	0.3	1/ --	--	--	2.1	1.8
Dominican Republic	--	--	0.1	0.1	0.3	0.7	0.6	1.1	0.1	1/ --	--	--	1.1	1.9
El Salvador	--	--	0.1	--	0.2	0.6	2.2	2.4	0.1	0.1	--	--	2.6	3.1
Guatemala	--	--	0.7	0.7	0.4	0.5	0.5	0.5	0.2	0.1	--	--	1.8	1.8
Honduras	--	--	0.3	--	--	0.4	0.2	0.2	0.2	0.1	--	--	0.7	0.7
Netherlands West Indies	--	--	0.1	--	--	--	1.1	1.4	0.2	0.1	--	--	1.4	1.5
Others	--	--	0.1	--	--	1.0	0.7	--	1.2	0.8	--	--	2.0	1.8
Total	--	--	3.4	2.4	2.9	4.4	7.2	7.9	2.4	1.3	0.1	0.2	16.0	16.2
South America														
Brazil	--	--	--	--	10.3	10.6	--	--	1/ --	1/ --	--	--	10.3	10.6
Ecuador	--	--	0.2	--	0.2	0.1	0.3	--	0.2	0.1	--	--	0.9	0.2
Peru	--	--	1/ --	0.2	0.3	0.4	0.1	--	0.3	0.2	--	--	0.7	0.8
Venezuela	--	--	13.3	13.2	1.3	8.3	9.9	10.6	32.1	33.3	--	--	56.6	65.4
Others	--	--	--	--	--	0.5	1.2	0.9	0.5	0.8	--	--	1.7	2.2
Total	--	--	13.5	13.4	12.1	19.9	11.5	11.5	33.1	34.4	--	--	70.2	79.2
Asia														
Aden	0.1	0.1	--	--	0.2	0.6	0.1	0.3	--	--	--	--	0.4	1.0
Ceylon	2.4	2.7	--	--	0.3	0.1	--	--	1/ --	1/ --	1/ --	0.1	2.7	2.9
Hong Kong	0.6	0.5	--	--	0.5	0.6	0.3	0.3	1/ --	--	1/ --	0.1	1.4	1.5
India	2.2	1.0	--	--	2.1	0.4	0.3	0.3	1/ --	0.1	0.1	0.1	4.7	1.9
Indonesia	0.4	1.4	--	--	0.4	1.1	2.3	3.1	--	--	--	--	3.1	5.6
Israel	--	--	--	--	0.3	0.5	1.1	0.4	--	--	--	--	1.4	0.9
Kuwait	--	--	--	--	--	--	0.6	0.8	--	--	--	--	0.6	0.8
Lebanon	1/ --	0.1	--	--	--	0.2	0.6	0.8	--	--	--	--	0.6	1.1
Malaya and Singapore	3.5	3.2	--	--	5.6	5.1	0.6	0.9	1/ --	--	1.0	0.9	10.7	10.1
Philippines, Rep. of	--	--	--	--	--	--	0.1	0.3	1.5	0.8	--	--	1.6	1.1
Saudi Arabia	--	--	--	--	--	0.2	1.4	1.8	1/ --	1/ --	--	--	1.4	2.0
Taiwan	0.2	1/ --	--	--	--	--	--	--	0.4	1.6	--	--	0.6	1.6
Thailand	0.3	0.3	--	--	0.8	0.8	0.9	0.7	1/ --	0.1	--	--	2.0	1.9
Others	0.7	0.5	--	--	0.5	0.7	0.7	--	1.1	1.3	0.4	0.2	3.4	2.7
Total	10.4	9.8	--	--	10.7	10.3	9.0	9.7	3.0	3.9	1.5	1.4	34.6	35.1
Africa														
Belgian Congo	--	--	--	--	0.5	2.0	1.6	1.3	1.2	0.6	--	--	3.3	3.9
French Morocco	--	--	--	--	0.3	0.2	0.6	0.7	--	--	--	--	0.9	0.9
Rhodesia & Nyasaland	0.8	0.6	--	--	--	--	0.5	0.4	--	--	0.7	0.5	2.0	1.5
Sudan	--	--	--	--	--	0.2	0.5	0.8	--	--	--	--	0.5	1.0
Others	0.8	0.7	--	--	0.2	0.9	2.8	2.1	0.1	1/ --	0.3	0.1	4.2	3.8
Total	1.6	1.3	--	--	1.0	3.3	6.0	5.3	1.3	0.6	1.0	0.6	10.9	11.1
Oceania	1.1	1.3	--	--	--	--	--	--	1/ --	0.1	0.4	0.4	1.5	1.8
Others, n.e.s.	0.6	0.4	0.4	0.6	2.1	4.3	0.8	2.8	0.2	--	1.4	0.5	5.5	8.6
Grand total	15.3	14.2	17.3	16.4	32.1	52.6	65.6	68.3	40.2	40.3	3/ 12.6	3/ 13.2	183.1	205.0

1/ Less than 50,000 pounds. 2/ Exports from New Zealand. 3/ 9.8 million and 9.7 million from New Zealand in 1956 and 1957 respectively.

Table 4 - Nonfat dry milk: Exports of major supplying countries, 1956 and preliminary 1957

Destinations	Australia		Netherlands		New Zealand		United Kingdom		United States 2/		Others		Total	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Western Europe														
Austria	—	—	1.2	0.9	—	—	—	0.3	0.1	—	—	--	1.3	1.2
Belgium-Luxembourg	—	—	0.3	1.7	—	—	—	--	0.2	1/ —	—	--	0.5	1.7
Denmark	—	—	—	—	--	0.8	—	10.9	—	—	—	--	—	11.7
Germany, Fed. Rep. of	—	—	1.2	0.5	—	—	0.2	0.8	0.2	0.7	0.2	0.1	1.8	2.1
Greece	—	—	0.2	0.2	—	—	—	—	9.6	—	—	1/ —	9.8	0.2
Netherlands	—	5.0	—	—	0.3	3.2	—	2.3	—	—	--	--	0.3	10.5
United Kingdom	30.9	9.5	0.9	—	59.7	71.6	—	—	—	0.1	2.5	—	94.0	81.2
Others	0.1	0.1	0.4	—	—	--	0.3	0.4	—	—	1.2	0.2	2.0	0.7
Total	31.0	14.6	4.2	3.3	60.0	75.6	0.5	14.7	10.1	0.8	3.9	0.3	109.7	109.3
North America														
British West Indies	0.4	0.2	—	—	1.3	4.4	0.1	0.2	3.0	1.6	0.9	0.2	5.7	6.6
Canada	0.3	0.7	—	—	—	4.6	—	0.9	0.9	1.3	—	—	1.2	7.5
Mexico	—	—	—	—	—	—	--	—	14.0	15.1	—	—	14.0	15.1
United States	1.0	1.1	0.1	—	—	0.4	—	—	—	—	0.3	0.1	1.4	1.6
Others	—	—	0.2	0.1	0.1	—	—	—	1.6	2.1	0.1	1/ —	2.0	2.2
Total	1.7	2.0	0.3	0.1	1.4	9.4	0.1	1.1	19.5	20.1	1.3	0.3	24.3	33.0
South America														
Bolivia	—	—	—	—	—	—	—	—	5.3	—	—	—	5.3	—
Chile	—	—	—	1.1	—	--	—	—	—	0.9	—	—	—	2.0
Peru	—	—	—	—	—	0.2	—	—	1.4	1.8	—	—	1.4	2.0
Venezuela	—	—	--	—	—	—	—	—	1.4	2.4	1.3	0.2	2.7	2.6
Others	—	—	0.1	—	—	—	—	—	0.2	0.7	—	1/ —	0.3	0.7
Total	—	—	0.1	1.1	—	0.2	—	--	8.3	5.8	1.3	0.2	9.7	7.3
Asia														
Ceylon	1.5	1.0	—	—	—	0.1	0.1	0.3	—	—	0.1	—	1.7	1.4
Hong Kong	0.1	1/ —	—	—	--	—	1/ —	0.1	0.3	0.6	—	—	0.4	0.7
India	18.7	17.1	12.1	3.4	15.4	15.5	1/ —	1.3	1.1	11.0	4.6	1/ —	51.9	48.3
Israel	—	—	—	—	—	—	—	—	2.6	2.7	—	—	2.6	2.7
Japan	—	—	2.2	—	--	3.8	—	—	0.2	—	—	—	2.4	3.8
Malaya & Singapore	0.4	0.3	—	—	0.1	0.3	1/ —	0.4	1.8	1.2	—	—	2.3	2.2
Philippines, Rep. of	0.3	0.2	—	—	0.1	—	—	—	4.1	11.6	—	—	4.5	11.8
Others	0.6	1.2	0.8	1.0	0.1	0.8	1/ —	0.2	0.3	0.3	0.3	0.6	2.1	4.1
Total	21.6	19.8	15.1	4.4	15.7	20.5	0.1	2.3	10.4	27.4	5.0	0.6	67.9	75.0
Africa														
Libya	—	—	--	--	—	—	—	—	—	1.0	—	—	—	1.0
Mauritius	0.3	0.5	—	—	—	0.5	—	--	--	—	--	—	0.3	1.0
Rhodesia & Nyasaland	0.3	0.5	—	—	0.2	0.2	0.1	0.4	—	—	—	—	0.6	1.1
Others	1/ —	.1	0.7	1.1	0.5	0.4	0.6	1.4	0.4	1.7	—	0.1	2.2	4.8
Total	0.6	1.1	0.7	1.1	0.7	1.1	0.7	1.8	0.4	2.7	--	0.1	3.1	7.9
Oceania	0.2	0.5	—	—	0.3	0.3	--	—	—	--	—	--	0.5	0.8
Others, n.e.s.	0.1	0.9	0.7	1.1	0.2	0.2	0.1	—	0.3	0.5	0.7	0.4	2.1	3.1
Grand total	55.2	38.9	21.1	11.1	78.3	107.3	1.5	19.9	49.0	57.3	12.2	1.9	217.3	236.4

1/ Less than 50,000 pounds.
2/ Exclusive of donations under Public Law 480, concessional sales for special uses.

Table 5 - Evaporated whole milk: Exports of major supplying countries, by destination, 1956 and preliminary 1957.

Destination	Canada		Denmark		France		Netherlands		United Kingdom		United States		Others		Total	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Western Europe																
Austria	—	—	—	—	—	—	1.0	—	—	1.4	—	—	—	—	1.0	1.4
Belgium-Luxembourg	—	—	—	—	—	—	14.7	11.7	—	—	—	—	—	—	14.7	11.7
France	—	—	1/ —	0.2	—	—	1.2	1.3	—	—	—	—	—	—	1.2	1.5
Germany, Fed. Rep. of	—	—	2.0	2.9	—	—	3.2	2.2	2.9	3.4	—	—	—	—	8.1	8.5
Gibralter	—	—	—	—	—	—	0.5	0.5	1.5	1.3	—	—	—	—	2.0	1.8
Greece	—	—	0.1	—	—	—	6.1	8.6	—	—	2.9	5.9	—	—	9.1	14.5
Italy	—	0.1	—	—	—	—	1.4	1.4	—	—	—	—	0.1	—	1.5	1.5
Malta	—	—	0.2	—	—	—	6.3	—	5.2	14.5	—	—	—	—	11.7	14.5
Switzerland	—	—	—	—	—	—	3.2	3.0	—	0.5	—	—	—	—	3.2	3.5
United Kingdom	—	—	0.4	0.3	—	—	0.4	0.4	—	—	—	—	—	—	0.8	0.7
Other	—	—	0.4	0.4	—	—	0.5	0.4	1.3	1.2	—	—	0.1	—	2.3	2.0
Total	—	0.1	3.1	3.8	—	—	38.5	29.5	10.9	22.3	2.9	5.9	0.2	—	55.6	61.6
Eastern Europe 2/	—	—	0.2	0.3	—	—	0.4	—	—	—	—	—	—	—	0.6	0.3
North America																
Bermuda	—	1/ —	—	—	—	—	2.4	2.5	—	—	—	—	—	—	2.4	2.5
Br. West Indies	3.4	2.7	—	—	—	—	2.6	4.2	1.0	1.4	0.1	0.2	—	—	7.1	8.5
Costa Rica	0.3	0.3	—	—	—	—	0.3	0.4	—	—	0.1	0.1	1/ —	0.1	0.7	0.9
Cuba	—	—	—	—	—	—	5.9	1.0	—	—	14.0	14.1	—	0.2	19.9	15.3
Guatemala	—	1/ —	—	—	—	—	0.5	0.7	—	—	1/ —	—	—	—	0.5	0.7
Haiti	0.9	0.6	—	—	—	—	1.5	1.8	—	—	0.3	0.1	—	—	2.7	2.5
Mexico	—	—	—	—	—	—	—	—	—	—	15.5	13.9	—	—	15.5	13.9
Netherlands Antilles	0.1	1/ —	—	—	—	—	6.1	5.4	—	—	—	—	—	—	6.2	5.4
Panama Canal Zone	—	—	—	—	—	—	—	—	—	—	4.1	1.7	—	—	4.1	1.7
Other	0.5	0.6	—	—	—	0.3	1.3	1.4	—	—	0.6	0.6	—	—	2.4	2.9
Total	5.2	4.2	—	—	—	0.3	20.6	17.4	1.0	1.4	34.7	30.7	—	0.3	61.5	54.3
South America																
Bolivia	—	—	—	—	—	—	3.4	—	—	—	—	—	—	—	3.4	—
Br. Guiana	0.2	—	—	—	—	—	3.6	4.8	0.3	0.8	—	—	1/ —	0.1	4.1	5.7
Peru	0.4	—	0.2	0.1	—	—	7.1	17.8	—	0.6	0.7	1.3	1/ —	1.0	8.4	20.8
Venezuela	0.1	0.2	0.1	0.1	—	—	0.5	0.6	—	—	0.7	0.6	—	—	1.4	1.5
Other	—	—	—	—	—	—	0.4	0.2	0.3	0.1	0.2	1/ —	0.1	0.1	1.0	0.4
Total	0.7	0.2	0.3	0.2	—	—	15.0	23.4	0.6	1.5	1.6	1.9	0.1	1.2	18.3	28.4
Asia																
Aden	—	—	—	0.1	—	—	2.3	2.4	—	—	—	—	—	—	2.3	2.5
Bahrein	—	—	—	—	—	—	2.9	2.2	—	—	—	—	—	—	2.9	2.2
Burma	—	—	—	—	—	—	3.2	2.2	—	2.6	4.4	—	—	—	7.6	4.8
Hong Kong	0.1	0.1	—	0.1	—	—	10.7	9.2	0.2	0.2	—	—	0.5	0.3	11.5	9.9
India	—	—	1.9	2.0	—	—	0.3	0.2	0.1	0.1	—	—	2.9	3.8	5.2	6.1
Indonesia	—	—	—	—	—	—	3.2	3.3	—	—	—	—	0.3	0.1	3.5	3.4
Kuwait	—	—	—	—	—	—	2.0	2.5	—	—	—	—	—	—	2.0	2.5
Malaya & Singapore	—	—	0.2	—	—	—	2.9	1.8	4.2	4.0	0.1	—	1.1	0.6	8.5	6.4
Philippines, Rep. of	—	—	0.1	0.4	—	—	26.6	43.4	1.4	0.9	123.6	123.0	0.1	1.4	151.8	169.1
Saudi Arabia	—	—	0.3	0.4	—	—	3.2	3.4	—	—	0.2	0.1	0.2	—	3.9	3.9
Taiwan	—	—	—	—	—	—	—	—	—	—	0.1	1.1	—	—	0.1	1.1
Thailand	—	—	1.7	2.5	—	—	9.4	8.3	—	0.1	—	—	0.1	0.1	11.2	11.0
Other	0.1	—	0.1	—	0.3	—	1.6	1.0	0.3	0.5	1.6	1.3	0.1	0.2	4.1	3.0
Total	0.2	0.1	4.3	5.5	0.3	—	68.3	79.9	6.2	8.4	130.0	125.5	5.3	6.5	214.6	225.9
Africa																
Algeria	—	—	0.1	—	3.5	7.7	2.4	3.9	—	—	—	—	1.3	0.3	7.3	11.9
Belgian Congo	—	—	—	—	—	—	0.9	1.1	—	—	—	—	—	—	0.9	1.1
British West Africa	—	—	0.1	—	—	—	—	—	1.1	—	—	—	—	—	1.2	—
Egypt	—	—	—	0.2	—	—	0.7	0.8	—	—	—	—	—	—	0.7	1.0
French Morocco	—	—	—	—	—	—	9.3	7.7	—	—	—	—	—	—	9.3	7.7
Fr. West & Equatorial Africa	—	—	0.3	0.2	1.7	4.2	3.0	2.6	—	—	—	—	0.4	0.1	5.4	7.1
Ghana	—	—	—	—	—	—	8.4	10.0	0.4	0.3	—	—	—	—	8.8	10.3
Liberia	—	—	—	—	—	—	0.9	1.0	—	—	—	—	—	—	0.9	1.0
Libya	—	—	—	—	—	—	0.8	1.5	0.5	0.6	—	—	—	—	1.3	2.1
Nigeria	—	—	—	—	—	—	8.2	9.0	0.1	—	—	—	—	—	8.3	9.0
Sierra Leone	—	—	—	—	—	—	2.3	2.0	—	—	—	—	—	—	2.3	2.0
Tanganyika	—	—	—	—	—	—	1.4	1.5	—	—	—	—	—	—	1.4	1.5
Tunisia	—	—	—	—	0.4	0.4	1.0	0.6	—	—	—	—	—	—	1.4	1.0
Other	—	—	—	—	0.2	0.4	1.5	1.4	0.6	0.7	0.2	—	0.4	0.7	2.9	3.2
Total	1/ —	—	0.5	0.4	5.8	12.7	40.8	43.1	2.7	1.6	1/ 0.2	1/ —	2.1	1.1	52.1	58.9
Oceania	—	—	—	—	—	—	2.0	1.5	—	—	0.3	0.4	1.1	0.9	3.4	2.8
Others, n.e.s.	0.2	—	0.3	1.0	0.5	1.0	2.2	2.1	1.4	4.2	0.4	—	0.5	0.6	5.5	8.9
Grand total	6.3	4.6	8.7	11.2	6.6	14.0	187.8	196.9	22.8	39.4	170.1	164.4	9.3	10.6	411.6	441.1

1/ Less than 50,000 pounds. 2/ Exports to Poland.

Table 6 - Condensed whole milk: Exports of major supplying countries, by destination 1956 and preliminary 1957

Destination	Australia		Denmark		France		Netherlands		Switzerland		United Kingdom		United States		1/ Other		Total	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Western Europe																		
Belgium-Luxembourg	--	--	--	--	--	--	3.0	1.6	--	--	--	--	0.1	0.1	--	--	3.1	1.7
France	--	--	0.4	1.1	--	--	0.8	0.6	--	--	--	--	--	--	--	--	1.2	1.7
Gibraltar	--	--	--	--	--	--	0.9	1.1	--	--	0.1	--	--	--	--	--	1.0	1.1
Greece	--	--	--	--	--	--	12.2	15.1	--	--	--	--	--	--	--	--	12.2	15.1
Italy	--	--	2/ --	--	--	--	0.8	0.3	0.1	0.1	--	--	--	--	--	--	0.9	0.4
Switzerland	--	--	0.1	1.6	--	--	4.0	2.8	--	--	--	--	--	--	--	--	4.1	4.4
United Kingdom	--	--	0.2	1.6	--	--	0.4	0.5	--	--	--	--	--	--	--	--	0.6	2.1
Others	--	--	0.3	0.7	--	--	0.7	0.8	--	--	0.2	0.1	--	--	--	--	1.2	1.6
Total	--	--	1.0	5.0	--	--	22.8	22.8	0.1	0.1	0.3	0.1	0.1	0.1	--	--	24.3	28.1
North America																		
British Honduras	--	--	--	--	--	--	1.7	1.3	--	--	0.7	1.2	--	--	--	--	2.4	2.5
British West Indies	2.3	1.9	--	0.4	--	--	14.6	12.0	--	--	11.4	7.5	--	--	1.0	0.3	29.3	22.1
Cuba	--	--	--	--	--	--	8.3	3.8	--	--	--	3.6	--	--	--	--	8.3	7.4
Dominican Republic	--	--	--	--	--	--	1.0	0.9	--	--	--	--	--	--	--	--	1.0	0.9
French West Indies	--	--	--	--	2.0	3.6	1.1	0.6	--	--	--	--	--	--	--	--	3.1	4.2
Others	--	--	--	--	--	--	2.1	2.1	--	--	--	--	--	--	--	--	2.1	2.1
Total	2.3	1.9	--	0.4	2.0	3.6	28.8	20.7	--	--	12.1	12.3	2/ --	2/ --	1.0	0.3	46.2	39.2
South America																		
Bolivia	--	--	--	--	--	--	4.2	--	--	--	--	--	--	--	--	--	4.2	--
British Guiana	0.1	0.2	--	--	--	--	3.4	2.5	--	--	0.5	0.7	--	--	0.4	--	4.4	3.4
Peru	--	--	2/ --	0.1	--	--	0.7	0.5	--	--	--	2/ --	--	--	--	--	0.7	0.6
Venezuela	--	--	0.1	0.1	--	--	2.0	3.1	--	--	--	--	0.1	2/ --	0.7	--	2.9	3.2
Others	--	--	--	0.1	--	--	0.7	0.7	--	--	--	0.1	--	--	--	--	0.7	0.9
Total	0.1	0.2	0.1	0.3	--	--	11.0	6.8	--	--	0.5	0.8	0.1	2/ --	1.1	--	12.7	8.1
Asia																		
Burma	2.1	0.6	7.2	15.2	--	--	18.2	15.8	--	--	--	--	1.3	5.3	--	--	28.8	36.9
Ceylon	0.3	0.4	--	0.6	--	--	14.0	13.0	--	--	--	--	--	--	--	--	14.3	14.0
Hong Kong	0.1	0.1	--	--	--	--	10.1	10.9	--	--	0.1	0.1	0.6	0.1	--	--	10.9	11.2
India	0.1	0.2	9.2	6.1	--	--	2.8	0.9	--	--	0.1	2/ --	--	--	--	--	12.2	7.2
Indochina	--	--	0.4	--	3.9	--	3.8	6.2	--	--	--	--	35.0	28.2	0.4	0.3	43.5	34.7
Indonesia	2.2	2.1	6.5	8.9	--	--	48.9	15.4	0.6	0.2	--	--	--	--	--	--	58.2	26.6
Malaya & Singapore	45.5	38.6	10.8	12.9	--	--	45.8	34.9	0.2	1.5	36.0	39.3	1.4	--	5.7	5.5	145.4	132.7
Philippines, Rep. of	--	--	--	0.3	--	--	22.3	24.6	4.0	3.5	--	--	0.2	2/ --	--	--	26.5	28.4
Taiwan	--	--	--	--	--	--	--	--	--	--	--	--	0.7	2.1	--	--	0.7	2.1
Thailand	0.3	0.2	6.2	8.5	--	--	41.8	45.8	2.8	3.1	--	--	0.4	1.8	--	--	51.5	59.4
Others	6.7	4.8	0.1	0.1	--	--	8.4	7.6	--	--	2.8	2.9	--	0.1	--	--	18.1	15.5
Total	57.3	47.0	40.4	52.6	3.9	--	214.1	175.1	7.6	3.3	39.0	42.3	39.6	37.6	6.1	5.8	410.1	368.7
Africa																		
Algeria	--	--	3.5	2.1	10.1	17.3	3.9	1.2	--	--	--	--	--	--	--	--	17.5	20.6
Belgian Congo	--	--	--	--	--	--	1.6	1.8	0.6	0.6	--	--	--	--	--	--	2.2	2.4
French Morocco	--	--	2/ --	0.1	0.3	0.5	9.1	8.9	--	--	--	--	--	--	--	--	9.4	9.5
French West & Equatorial Africa	--	--	0.9	1.1	1.4	4.7	4.5	3.6	1.3	0.9	--	--	--	--	--	--	8.1	10.3
Ghana	--	--	--	--	--	--	1.3	1.4	--	0.1	--	--	--	--	--	--	1.3	1.5
Kenya - Uganda	--	--	--	--	--	--	0.6	1.4	--	--	--	--	--	--	--	--	0.6	1.4
Madagascar	--	--	--	--	1.5	4.3	2.8	2.4	--	--	--	--	--	--	--	--	4.3	6.7
Mauritius	1.5	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5	1.3
Portuguese East Africa	--	--	--	--	--	--	4.2	4.8	--	--	--	--	--	--	--	--	4.2	4.8
Reunion	--	--	--	--	1.0	1.6	0.5	0.3	--	--	--	--	--	--	--	--	1.5	1.9
Rhodesia & Nyasaland	0.7	1.1	--	--	--	--	1.6	1.5	--	--	1.6	1.6	--	--	--	--	3.9	4.2
Tanganyika	--	--	--	--	--	--	1.3	1.6	--	--	--	--	--	--	--	--	1.3	1.6
Tunisia	--	--	--	--	1.3	2.1	1.9	0.7	--	--	--	--	--	--	--	--	3.2	2.8
Union of South Africa	--	--	--	--	--	--	--	1.4	--	--	--	--	--	--	--	--	--	1.4
Others	--	--	0.7	1.1	--	--	3.9	5.3	0.1	--	0.4	0.3	--	--	--	--	5.1	6.7
Total	2.2	2.4	5.1	4.4	15.6	30.5	37.2	36.3	2.0	1.6	2.0	1.9	--	--	--	--	64.1	77.1
Oceania	2.6	2.2	--	--	--	--	1.2	0.9	--	--	--	--	--	--	0.2	0.2	4.0	3.3
Others, n.e.s.	0.2	0.3	0.5	1.0	0.5	1.3	5.4	2.0	1.3	--	2.0	1.6	0.1	0.1	0.2	0.1	10.1	6.4
Grand total	64.7	54.0	47.1	63.7	22.0	35.4	322.5	264.6	11.0	10.0	55.9	59.0	39.9	37.8	8.6	6.4	571.7	530.9

1/ Mainly exports from New Zealand and Canada.
2/ Less than 50,000 pounds.

Exports of condensed milk in 1958 will probably be about the same as in 1957. Shipments from the 2 major suppliers, the Netherlands and Denmark, are holding up well. Australia's exports during the first 3 quarters of 1958 were ahead of shipments during the comparable period in 1957. However, exports from the United States and the United Kingdom through the third quarter, 1958, were considerably behind shipments in the previous year.

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WORLD OUTPUT OF DAIRY PRODUCTS

UP IN SECOND QUARTER, 1958

Over-all output of dairy products in factories in the second quarter of 1958 was higher than for the same quarter of 1957. Conditions were favorable for milk production in New Zealand, but less so in Australia.

In Western Europe, pasture conditions were again very good and over-all output was up, but with some notable exceptions. Milk production dropped sharply in Denmark, the result of declining butter and cheese prices which made milk production less profitable. A protracted spell of unfavorable weather in France affected milk production. In Sweden, the slaughter of cows was above last year, due to the reduced price for milk and higher feed costs.

Milk production rose in Canada, almost entirely because of higher production per cow, but in the United States, milk production was practically unchanged from the earlier year.

Butter production in factories in the April-June quarter, 1958, was 5 percent higher than comparable 1957. Output in New Zealand was at a record level. In Australia it also was above a year earlier. In West Germany, butter production was higher than in any quarter since World War II, largely because butter manufacture was the most profitable outlet for the increased milk supplies.

Surplus milk in Switzerland was converted mainly to butter. A reduction in fluid milk consumption in Sweden resulted in more milk for manufacturing; much of this was channeled to butter production. Increases also were reported in the Netherlands, France and Ireland.

In Canada, most of the milk was used for butter. Butter production was down in the United States.

FACTORY DAIRY PRODUCTS: Output in principal producing and exporting countries, April-June 1958 (preliminary) with comparisons

Country and product	Average		Total 1957	1957			1958		Apr.-June 1958 compared with Apr.-June 1957
	1934-38	1946-50		Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Percent
Butter:									
Canada	1/ 254,774	277,868	305,562	96,152	117,082	63,153	37,815	109,123	113
United States	1,705,240	1,301,830	1,421,740	441,935	327,400	300,640	359,925	427,200	97
Belgium	46,179	55,353	106,118	—	—	—	—	—	—
Denmark	400,660	318,697	383,600	115,080	101,852	83,114	83,334	105,168	91
Finland	61,287	2/ 61,215	3/ 158,811	47,597	46,700	31,261	3/ 32,284	47,379	99
France 4/	220,000	—	624,000	152,000	154,300	218,200	110,200	176,400	116
Germany, West	5/ 6/ 560,000	492,188	685,392	196,416	192,896	161,575	179,908	230,669	117
Ireland	89,400	68,648	109,458	3/ 38,394	44,577	19,884	3/ 7,654	39,054	102
Netherlands	201,000	155,620	167,770	53,572	54,894	36,722	35,430	4/ 73,300	137
Norway	24,930	20,049	34,603	14,895	9,225	3,077	4,997	12,148	82
Sweden	152,769	216,442	193,399	58,261	60,845	37,992	38,920	58,631	101
Switzerland 7/	57,760	36,949	8/ 63,052	20,386	17,578	11,635	4/ 13,996	4/ 23,129	113
United Kingdom	44,200	23,529	76,272	32,256	18,592	15,568	18,592	—	—
Argentina	65,742	100,657	124,573	28,089	19,394	35,584	3/ 42,251	26,014	93
Union of South Africa	9/ 27,725	44,845	85,371	17,114	15,376	26,497	—	—	—
Australia	6/ 415,250	354,371	397,069	54,042	79,917	145,226	105,130	56,481	104
New Zealand	6/ 366,912	346,095	3/ 468,234	3/ 43,232	3/ 93,811	3/ 198,307	3/ 140,627	48,315	112
Cheese:									
Canada 10/	1/ 119,924	114,329	95,635	32,512	38,865	17,199	7,368	28,590	88
United States	643,234	1,156,005	1,408,785	452,795	356,730	286,430	311,470	441,245	97
Denmark	68,820	123,634	215,830	70,547	59,083	43,430	48,501	74,480	106
France 4/	11/	11/	705,500	168,000	176,400	261,700	176,400	225,000	134
Italy 12/	523,513	491,326	740,746	—	—	—	—	—	—
Netherlands	4/ 200,000	176,926	357,145	123,016	112,655	73,841	64,903	4/ 125,700	102
Norway 13/	39,067	35,564	67,899	23,470	20,251	10,948	14,665	27,190	116
Sweden	76,059	115,005	115,060	39,955	33,233	18,589	21,559	37,110	93
Switzerland 13/	111,729	107,232	8/ 139,772	40,483	43,671	25,935	4/ 20,765	4/ 40,834	101
United Kingdom 7/	109,000	69,888	255,472	82,432	62,944	54,768	3/ 54,880	—	—
Argentina	67,873	203,830	260,418	60,873	55,140	75,602	3/ 71,063	60,406	99
Union of South Africa	9/ 10,195	17,967	26,344	5,113	5,321	8,281	—	—	—
Australia	6/ 48,400	98,396	85,785	11,209	20,630	30,917	15,947	10,553	94
New Zealand	6/ 210,911	216,842	3/ 217,135	3/ 22,070	36,252	92,440	65,180	21,255	96

See footnotes at end of table

FACTORY DAIRY PRODUCTS: Output in principal producing and exporting countries, April-June 1958 (preliminary) with comparisons—Continued

Country and product	Average		Total 1957	1957			1958		Apr.-June 1958 compared with Apr.-June 1957
	1934-38	1946-50		Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Percent
Canned milk:									
Canada 14/	1/ 104,335	266,532	344,654	124,906	117,566	51,588	55,708	126,635	101
United States 15/	1,970,189	3,170,576	2,521,130	853,250	646,150	454,325	467,000	779,550	91
Cuba	16/ 32,564	36,655	86,978	—	—	—	—	—	—
Denmark	40,785	58,701	—	—	—	—	—	—	—
France	17/ 28,953	16/ 57,984	4/ 130,100	4/ 27,300	4/ 28,200	4/ 48,100	4/ 27,100	4/ 40,100	147
Germany, West	11/	11/	3/ 629,228	215,541	187,090	125,845	136,665	210,194	98
Netherlands	309,952	181,222	619,272	186,730	3/ 164,733	131,394	131,836	4/ 166,800	89
Switzerland	14,198	13,031	—	—	—	—	—	—	—
United Kingdom	378,560	219,914	407,904	176,960	71,232	63,392	73,024	—	—
Argentina	18/ 3,159	16/ 11,914	22,780	3/ 4,817	5,597	3/ 6,538	3/ 7,817	5,004	104
Australia	6/ 41,894	132,745	156,798	3/ 19,401	3/ 31,097	3/ 64,724	36,696	16,970	87
New Zealand	6/ 16/ 11,273	—	—	—	—	—	—	—	—
Dried milk 19/:									
Canada 20/	1/ 26,079	72,686	142,885	42,551	51,770	36,963	22,412	63,640	150
United States 21/	1/ 637,407	1,704,061	1,805,810	622,300	386,300	359,460	465,700	626,450	101
Belgium	5,500	6,607	55,465	21,857	4/ 24,521	4/ 6,217	—	—	—
Denmark	2,205	16,866	—	—	—	—	—	—	—
France	17/ 7,685	16/ 3,308	4/ 33,100	4/ 6,600	4/ 7,300	4/ 14,200	4/ 6,600	4/ 25,800	391
Germany, West	11/	11/	3/ 127,730	44,168	40,536	27,561	3/ 24,346	40,050	91
Netherlands	56,438	54,468	149,692	74,295	3/ 58,341	6,393	19,621	4/ 82,600	111
Sweden	1,351	24,566	39,147	13,528	12,981	5,539	7,493	15,056	111
Switzerland	7,187	10,847	—	—	—	—	—	—	—
United Kingdom	43,098	73,848	154,112	58,464	33,600	32,480	31,808	—	—
Argentina	18/ 3,977	16/ 14,070	23,538	3/ 4,224	3,677	8,237	3/ 8,084	4,178	99
Australia	6/ 16,691	54,235	102,030	3/ 13,394	3/ 22,826	39,639	22,785	10,478	78
New Zealand	22/ 17,429	—	—	—	—	—	—	—	—

1/ Average 1935-39. 2/ Average 1948-50. 3/ Revised. 4/ Estimated. 5/ Average 1935-38. 6/ Production year ending June 30. 7/ Total production. 8/ Annual production figures more complete than monthly figures used in quarterly data. 9/ Production year ending August 31. 10/ Cheddar cheese only. 11/ Not available. 12/ Total cheese, and includes cheese made from the milk of sheep and goats. 13/ Total cheese, and includes cheese made from the milk of goats. 14/ Both bulk and case goods. 15/ Evaporated whole and condensed whole case goods only. 16/ Less than a 5-year average. 17/ For 1937. 18/ For 1939. 19/ Dried whole milk and nonfat solids production. 20/ Approximately 1.8 to 2.0 million pounds of animal feed now being included in production data; animal feed production not available and not included for 1935-39 period. 21/ Includes dried milk for animal feeding. 22/ For 1938.

Foreign Agricultural Service. Prepared or estimated from official statistics, reports of agricultural attaches and other U. S. representatives abroad, and other information.

Factory cheese output in the reporting countries rose 4 percent above the 1957 level. Production declined in the Southern Hemisphere. Much of the milk for manufacturing in Denmark was used for cheese, output of which rose substantially over a year earlier. Due to surplus stocks in Switzerland, effort was made to reduce cheese production, but output still was slightly above comparable 1957. Production was up in all other countries of Western Europe except Sweden. In both Canada and the United States, output was below the 1957 level.

Over-all canned milk production dropped 6 percent in the second quarter of 1958. Manufacturing supplies available to condenseries in Australia were considerably smaller and canned milk production declined. Of the Western European countries producing canned milk, only France reported an increase in the second quarter. In Canada, production of all types of canned milk showed a gain over the preceding year. Output in the United States dropped sharply below the 1957 level.

World production of dried milk, mostly nonfat dry milk, was up 6 percent in the April-June quarter, 1958. The decline in over-all dry milk output in Australia was due to a considerably smaller production of nonfat dry milk. In West Germany, output of both dried whole milk and nonfat dry milk dropped below comparable 1957. Production of nonfat dry milk in Sweden was at a greater rate than a year earlier and over-all output showed a marked gain. Dried milk production also increased in France and the Netherlands. In Canada and the United States, total dried milk output was up with both countries reporting heavier production of nonfat dry milk.

CURRENT CONDITIONS ABROAD:

Australia: Prospects at the beginning of the new season appear favorable for dairy production.

New Zealand: Stock and pastures are good in most districts and the outlook for spring production is good.

West Germany: Feed supplies are excellent and dairy cattle are in good condition.

Denmark: Milk production in the coming months is expected to be down from last year, due largely to a drop in cow numbers and less domestically produced feed.

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1958 WORLD MILK PRODUCTION

ESTIMATED UP 2 PERCENT

World milk production is expected to increase about 2 percent in 1958 for the third year in succession. This estimate is based on preliminary reports from 22 primary producing countries, which normally produce about 60 percent of the world's milk. Output in these countries in 1958 is expected to reach 393 billion pounds of cow's milk, compared with 387 billion in 1957.

Gains this year are not quite as general as in other recent years. Milk production in Europe is again up about 3 percent overall, but Denmark, Finland, and Sweden are showing significant declines. United Kingdom output appears to be leveling off and may be down slightly this year. However, sharp gains are continuing through 1958 in France, West Germany, the Netherlands, and Switzerland. Pasture conditions in Europe in 1958 have again been well above average.

U. S. milk production will be down very slightly in 1958 for the first time since 1952. Many other Western Hemisphere countries, especially Canada, continue to report substantial increases.

Milk output in Australia will again be down in calender year 1958, due to drought, but may increase sharply next year. New Zealand production through 1958 is continuing to increase moderately.

Compared with the average for 1951-55, world production is up about 10 percent, with Europe showing an overall gain of 13 percent in contrast to a gain of only 6 percent in the United States. Denmark and Sweden are the only reporting countries now producing less milk than they did 5 years ago. The United Kingdom, Italy, Ireland, West Germany, France, Austria, Canada, Mexico, and Cuba have shown substantial gains over this period.

Cows' milk: Estimate of 1958 production in important producing countries, with comparisons

Country	Average 1951-55	Annual 1956	Annual 1957	Annual 1958 1/	1958 Compared with 1957
	Million pounds	Million pounds	Million pounds	Million pounds	Percent
Canada	16,026	16,966	17,288	18,000	104
Mexico	3,806	4,585	4,815	4,900	102
United States	118,959	125,474	126,381	126,100	100
Cuba	1,422	1,654	1,720	1,750	102
Austria	5,336	5,761	6,063	6,125	101
Belgium	7,745	8,070	8,201	8,350	102
Denmark	11,521	11,173	11,750	11,160	95
Finland	6,147	6,802	7,022	6,725	96
France	38,045	42,000	45,400	48,000	106
Germany, Western	36,023	37,494	38,058	40,280	106
Greece	494	710	688	700	102
Ireland	5,256	5,822	6,343	6,440	102
Italy	16,663	18,539	18,630	18,950	102
Luxembourg	395	427	434	445	102
Netherlands	12,654	12,835	12,987	13,766	106
Norway	3,554	3,710	3,807	3,850	101
Sweden	9,829	8,675	8,896	8,755	98
Switzerland	5,977	6,204	6,327	6,550	104
United Kingdom	23,251	25,791	26,543	26,415	100
Argentina 2/	10,334	12,006	11,350	11,350	100
Australia 3/	12,516	14,559	13,308	12,650	95
New Zealand 4/	11,186	11,464	11,312	11,896	105
Total of above countries	357,139	380,721	387,323	393,157	102

1/ Preliminary. 2/ Milk for commercial use only; milk consumed on farms and milk fed not included. 3/ Excludes milk fed to livestock. 4/ Years ending June 30.

Foreign Agricultural Service. Prepared or estimated from official statistics, reports of Agricultural Attaches and other U. S. representatives abroad and other information.

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FOREIGN AGRICULTURE CIRCULAR

U.S. DEPARTMENT OF AGRICULTURE
Foreign Agricultural Service Washington D.C.

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U. S. DEPARTMENT OF AGRICULTURE

FD 13-58
October 13, 1958

U. S. EXPORTS OF DAIRY BREEDING CATTLE, JANUARY-JULY 1958 [1]

U. S. exports of dairy breeding cattle during the first 6 months of 1958 totaled 3,638 head, only about half of the 7,125 exported during January-June 1957.

Most of the decline was in exports to Mexico following heavy buying in 1957 under an Export-Import Bank loan for the purchase of breeding cattle. Cuba, the second largest market during the first half of 1957, fell to seventh place. Mexico, Venezuela, Canada, Turkey, West Germany, and El Salvador were the leading buyers, in that order.

Although off 44 percent from shipments in the first half of 1957, Holsteins continued to lead exports by breed, with Brown Swiss second in total number. Brown Swiss and Guernsey breeds showed the largest relative decline from 1957, with Jerseys holding up best, off only 35 percent.

About one-third of Mexico's takings were Holsteins from Wisconsin, followed by exports of this breed from Minnesota and California. Exports to Venezuela also indicated a preference for Wisconsin Holsteins, while Canada took mostly Holsteins from Minnesota. Turkey took 77 head of Jerseys from Ohio, while Venezuela purchased 64 head of Brown Swiss from that state and a like number from Wisconsin.

Indications are that U. S. exports of dairy breeding cattle in the second half of 1958 will be up from the January-June period, and may equal the July-December period, 1957. Exports to Mexico will pick up some in the second half, as additional purchases to be made with available loan funds are expected to increase during this period. Exports to Israel will show a substantial gain, as funds for the purchase of dairy cattle were provided in an Export-Import Bank loan to that country.

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[1] This is the third of a series of reports, published at 6-month intervals, on exports of dairy breeding cattle. See Foreign Agriculture Circular FD 10-57 for exports during July-December 1957.

TABLE 1.—Breeding cattle, dairy: Inspections for exports from the United States by breed, country of destination, age and sex, January through June 1958 with comparison

Breed and country of destination	January - June 1958								Total	
	Male				Female					
	Under 1 year	1 year and under 2 years	2 years and over	All ages	Under 1 year	1 year and under 2 years	2 years and over	All ages	Jan-June 1958	Jan-June 1957
	Head	Head	Head	Head	Head	Head	Head	Head	Head	Head
Avrshire:										
Canada	2	1	-	3	2	-	2	4	7	3
Venezuela	2	-	-	2	-	-	-	-	2	-
Other countries	-	1	-	1	-	-	-	-	1	1/ 27
Total	4	2	-	6	2	-	2	4	10	30
Brown Swiss										
Bahamas	-	-	-	-	-	-	1	1	1	-
Bolivia	5	-	1	6	-	-	2	2	8	-
Canada	3	1	-	4	9	3	9	21	25	7
Costa Rica	-	-	4	4	-	-	-	-	4	-
Cuba	1	2	-	3	18	2	5	25	28	245
Dominican Republic	-	-	-	-	1	1	14	16	16	40
El Salvador	-	-	-	-	1	-	7	8	8	19
Germany	-	-	-	-	-	2	2	4	4	4
Italy	1	3	1	5	23	8	-	31	36	-
Mexico	3	2	-	5	3	6	16	25	30	874
Nepal	2	-	-	2	8	-	-	8	10	-
Peru	1	3	1	5	2	11	6	19	24	-
Turkey	32	1	-	33	9	-	-	9	42	8
Venezuela	21	35	9	65	6	16	136	158	223	201
Other countries	-	-	-	-	-	-	-	-	-	1/ 50
Total	69	47	16	132	80	49	198	327	459	1,448
Guernsey										
Bahamas	-	-	-	-	-	-	7	7	7	-
Canada	3	1	2	6	9	7	31	47	53	90
Costa Rice	2	1	1	4	-	-	-	-	4	-
Cuba	-	-	-	-	-	5	6	11	11	42
Dominican Republic	-	-	-	-	-	-	2	2	2	1
El Salvador	-	-	-	-	2	-	-	2	2	-
Germany	-	-	-	-	-	3	16	19	19	49
Guatemala	-	-	-	-	-	-	1	1	1	-
Mexico	1	-	-	1	3	8	4	15	16	100
Nicaragua	-	-	-	-	-	-	2	2	2	-
Other countries	-	-	-	-	-	-	-	-	-	1/ 4
Total	6	2	3	11	14	23	69	106	117	286

Holstein										
Bolivia	-	3	-	3	-	-	-	-	3	-
Canada	11	4	6	21	12	66	50	128	149	55
Colombia	1	1	1	3	11	14	7	32	35	2
Cuba	-	-	-	-	12	-	79	91	91	211
Dominican Republic	-	3	-	3	42	-	44	86	89	24
Ecuador	-	-	2	2	-	-	-	-	2	26
El Salvador	-	1	-	1	27	9	10	46	47	42
France	-	-	-	-	-	-	8	8	8	-
Germany	-	-	-	-	1	71	49	121	121	116
Guatemala	-	-	-	-	-	-	10	10	10	83
Honduras	-	-	-	-	2	-	-	2	2	-
Italy	-	1	-	1	-	-	-	-	1	1
Japan	1	-	-	1	-	-	14	14	15	1
Mexico	17	15	6	38	80	206	1,509	1,795	1,833	4,118
Peru	1	1	1	3	-	1	3	4	7	18
Turkey	19	1	-	20	58	-	21	79	99	14
Venezuela	2	7	5	14	2	12	170	184	198	69
Other countries	2	-	-	2	-	-	1	1	3	1/ 68
Total	54	37	21	112	247	379	1,975	2,601	2,713	4,848
Jersey										
Bahamas	-	-	-	-	-	-	6	6	6	-
Bolivia	2	1	-	3	-	-	4	4	7	-
Canada	-	1	1	2	-	3	22	25	27	3
Costa Rica	1	-	-	1	-	-	-	-	1	1
Dominican Republic	2	-	1	3	2	3	-	5	8	-
El Salvador	2	1	-	3	24	18	42	84	87	33
Germany	-	-	-	-	-	7	5	12	12	12
Guatemala	-	2	-	2	-	1	-	1	3	-
Japan	-	1	-	1	-	-	6	6	7	1
Mexico	4	-	-	4	26	24	15	65	60	189
Nepal	2	-	-	2	9	1	-	10	12	-
Nicaragua	-	-	-	-	-	-	1	1	1	-
Turkey	19	-	-	19	66	8	-	74	93	62
Venezuela	-	1	-	1	-	-	-	-	1	66
Other countries	1	1	-	2	-	-	-	-	2	1/ 146
Total	33	8	2	43	127	65	101	293	336	513
Unspecified										
Germany	-	-	-	-	-	-	2	2	2	-
Venezuela	-	-	1	1	-	-	-	-	1	-
Other countries	-	-	-	-	-	-	-	-	-	-
Total	-	-	1	1	-	-	2	2	3	-
Grand total	166	96	43	305	470	516	2,347	3,333	3,638	7,125

1/ For detailed breakdown, see dairy cattle circular FD 10-57, which shows exports during January-June 1957.

Foreign Agricultural Service. Compiled from official health certificates and test charts, ARS

TABLE 2.—Breeding cattle, dairy: Inspections for export from the United States by country of destination, state of origin, breed, age, and sex, January through June 1958 with comparison

Country of destination, state of origin, and breed	January–June 1958								Total	
	Male				Female					
	Under 1 year	1 year and under 2 years	2 years and over	All ages	Under 1 year	1 year and under 2 years	2 years and over	All ages	Jan–June 1958	Jan–June 1957
	Head	Head	Head	Head	Head	Head	Head	Head	Head	Head
Bahamas:										
Florida:										
Brown Swiss	-	-	-	-	-	-	1	1	1	-
Guernsey	-	-	-	-	-	-	7	7	7	-
Jersey	-	-	-	-	-	-	6	6	6	-
Total	-	-	-	-	-	-	14	14	14	-
Bolivia:										
Ohio:										
Brown Swiss	1	-	1	2	-	-	2	2	4	-
Jersey	2	1	-	3	-	-	4	4	7	-
Oklahoma:										
Brown Swiss	4	-	-	4	-	-	-	-	4	-
Texas:										
Holstein	-	3	-	3	-	-	-	-	3	-
Total	7	4	1	12	-	-	6	6	18	-
Canada:										
Connecticut:										
Holstein	1	-	-	1	1	-	-	1	2	1
Georgia:										
Holstein	-	1	-	1	-	-	-	-	1	-
Illinois:										
Brown Swiss	1	-	-	1	4	-	-	4	5	1
Holstein	2	-	-	2	-	-	6	6	8	-
Indiana:										
Brown Swiss	2	-	-	2	-	1	3	4	6	-
Guernsey	-	-	-	-	-	-	3	3	3	-
Jersey	-	-	-	-	-	1	9	10	10	-
Maine:										
Holstein	3	-	-	3	1	-	-	1	4	-
Maryland:										
Guernsey	-	-	-	-	-	-	1	1	1	-
Massachusetts:										
Guernsey	1	1	-	2	1	-	-	1	3	9
Michigan:										
Guernsey	1	-	-	1	-	-	-	-	1	4
Holstein	-	-	1	1	-	-	-	-	1	8
Jersey	-	-	-	-	-	-	1	1	1	-
Minnesota:										
Guernsey	-	-	-	-	4	7	1	12	12	-
Holstein	2	2	1	5	8	64	29	101	106	14
Jersey	-	-	-	-	-	-	1	1	1	-
New Hampshire:										
Holstein	2	-	-	2	-	-	-	-	2	-

New Jersey:									
Guernsey	-	-	-	-	-	-	1	1	1	1
Jersey	-	-	-	-	-	1	3	4	4	-
New York:										
Ayrshire	2	-	-	2	2	-	-	2	4	-
Brown Swiss	-	1	-	1	-	-	-	-	1	1
Guernsey	-	-	-	-	-	-	6	6	6	47
Holstein	-	-	-	-	-	-	8	8	8	-
Ohio:										
Brown Swiss	-	-	-	-	-	2	6	8	8	3
Jersey	-	1	1	2	-	-	3	3	5	-
Pennsylvania:										
Holstein	-	-	1	1	2	-	-	2	3	1
Washington:										
Ayrshire	-	-	-	-	-	-	2	2	2	2
Brown Swiss	-	-	-	-	5	-	-	5	5	-
Guernsey	1	-	1	2	4	-	19	23	25	24
Holstein	-	1	2	3	-	-	3	3	6	27
Jersey	-	-	-	-	-	1	5	6	6	3
Wisconsin:										
Ayrshire	-	1	-	1	-	-	-	-	1	-
Guernsey	-	-	1	1	-	-	-	-	1	1
Holstein	1	-	1	2	-	2	4	6	8	4
Total	19	8	9	36	32	79	114	225	261	1/ 158
Colombia:										
Iowa:										
Holstein	-	-	-	-	3	1	1	5	5	-
Washington:										
Holstein	-	1	1	2	-	-	-	-	2	-
Wisconsin:										
Holstein	1	-	-	1	8	13	6	27	28	-
Total	1	1	1	3	11	14	7	32	35	1/ 9
Costa Rica:										
New Jersey:										
Guernsey	1	1	-	2	-	-	-	-	2	-
Jersey	1	-	-	1	-	-	-	-	1	-
New York:										
Guernsey	-	-	1	1	-	-	-	-	1	-
Ohio:										
Brown Swiss	-	-	4	4	-	-	-	-	4	-
Pennsylvania:										
Guernsey	1	-	-	1	-	-	-	-	1	-
Total	3	1	5	9	-	-	-	-	9	1/ 3
Cuba:										
Florida:										
Holstein	-	-	-	-	-	-	34	34	34	23
Minnesota:										
Brown Swiss	1	2	-	3	10	2	4	16	19	-
South Carolina:										
Guernsey	-	-	-	-	-	5	6	11	11	-
Wisconsin:										
Brown Swiss	-	-	-	-	8	-	1	9	9	165
Holstein	-	-	-	-	12	-	45	57	57	101
Total	1	2	-	3	30	7	90	127	130	1/ 628

TABLE 2.--Breeding cattle, dairy: Inspection for export from the United States by country of destination, state of origin, breed, age, and sex, January through June 1958 with comparison

ountry of destination, state of origin, and breed	January-June 1958								Total	
	Male				Female					
	Under 1 year	1 year and under 2 years	2 years and over	All ages	Under 1 year	1 year and under 2 years	2 years and over	All ages	Jan-June 1958	Jan-June 1957
	Head	Head	Head	Head	Head	Head	Head	Head	Head	Head
Dominican Republic:										
Florida:										
Brown Swiss	-	-	-	-	-	-	10	10	10	9
Illinois:										
Brown Swiss	-	-	-	-	1	1	4	6	6	-
Guernsey	-	-	-	-	-	-	2	2	2	-
Holstein	-	3	-	3	-	-	-	-	3	-
Pennsylvania:										
Jersey	2	-	1	3	2	3	-	5	8	-
Texas:										
Holstein	-	-	-	-	-	-	4	4	4	8
Wisconsin:										
Holstein	-	-	-	-	42	-	40	82	82	1
Total	2	3	1	6	45	4	60	109	115	1/ 65
Ecuador:										
Ohio:										
Holstein	-	-	2	2	-	-	-	-	2	-
Total	-	-	2	2	-	-	-	-	2	1/ 36
El Salvador:										
Connecticut:										
Jersey	-	-	-	-	-	7	-	7	7	-
Maryland:										
Jersey	-	1	-	1	-	-	16	16	17	-
New Jersey:										
Guernsey	-	-	-	-	2	-	-	2	2	-
Jersey	2	-	-	2	20	5	8	33	35	-
Pennsylvania:										
Holstein	-	1	-	1	-	-	-	-	1	-
Jersey	-	-	-	-	4	-	7	11	11	-
Texas:										
Holstein	-	-	-	-	27	9	10	46	46	-
Virginia:										
Jersey	-	-	-	-	-	6	11	17	17	-
Wisconsin:										
Brown Swiss	-	-	-	-	1	-	7	8	8	5
Total	2	2	-	4	54	27	59	140	144	1/ 95
France:										
Texas:										
Holstein	-	-	-	-	-	-	8	8	8	-
Total	-	-	-	-	-	-	8	8	8	-

Germany, West:										
Kansas:										
Brown Swiss	-	-	-	-	-	1	-	1	1	-
Guernsey	-	-	-	-	-	-	4	4	4	-
Holstein	-	-	-	-	-	7	6	13	13	-
Unspecified	-	-	-	-	-	-	2	2	2	-
Maryland:										
Guernsey	-	-	-	-	-	1	-	1	1	-
Minnesota:										
Brown Swiss	-	-	-	-	-	1	-	1	1	-
Guernsey	-	-	-	-	-	1	-	1	1	-
Holstein	-	-	-	-	-	16	1	17	17	-
Jersey	-	-	-	-	-	7	-	7	7	-
Ohio:										
Brown Swiss	-	-	-	-	-	-	2	2	2	2
Guernsey	-	-	-	-	-	-	3	3	3	14
Holstein	-	-	-	-	-	47	29	76	76	13
Jersey	-	-	-	-	-	-	4	4	4	8
Pennsylvania:										
Guernsey	-	-	-	-	-	1	-	1	1	4
Holstein	-	-	-	-	-	1	3	4	4	58
Jersey	-	-	-	-	-	-	1	1	1	-
Virginia:										
Guernsey	-	-	-	-	-	-	9	9	9	14
Holstein	-	-	-	-	1	-	10	11	11	32
Total	-	-	-	-	1	83	74	158	158	1/ 190
Guatemala:										
Florida:										
Guernsey	-	-	-	-	-	-	1	1	1	-
Holstein	-	-	-	-	-	-	10	10	10	41
Ohio:										
Jersey	-	1	-	1	-	1	-	1	2	-
Wisconsin:										
Jersey	-	1	-	1	-	-	-	-	1	-
Total	-	2	-	2	-	1	11	12	14	1/ 107
Honduras:										
Ohio:										
Holstein	-	-	-	-	2	-	-	2	2	-
Total	-	-	-	-	2	-	-	2	2	-
Italy:										
Illinois:										
Brown Swiss	-	-	-	-	5	-	-	5	5	-
Massachusetts:										
Brown Swiss	-	-	-	-	5	2	-	7	7	-
New Jersey:										
Brown Swiss	-	2	1	3	-	-	-	-	3	-
Ohio:										
Brown Swiss	1	-	-	1	4	-	-	4	5	-
Washington:										
Holstein	-	1	-	1	-	-	-	-	1	1
Wisconsin:										
Brown Swiss	-	1	-	1	9	6	-	15	16	-
Total	1	4	1	6	23	8	-	31	37	1
Japan:										
California:										
Holstein	-	-	-	-	-	-	14	14	14	-
Jersey	-	1	-	1	-	-	6	6	7	1
Massachusetts:										
Holstein	1	-	-	1	-	-	-	-	1	-
Total	1	1	-	2	-	-	20	20	22	1/ 2

TABLE 2.--Breeding cattle, dairy: Inspections for export from the United States by country of destination, state of origin, breed, age, and sex, January through June 1958 with comparison

Country of destination state of origin, and breed	January-June 1958								Total	
	Male				Female					
	Under 1 year	1 year and under 2 years	2 years and over	All ages	Under 1 year	1 year and under 2 years	2 years and over	All ages	Jan-June 1958	Jan-June 1957
	Head	Head	Head	Head	Head	Head	Head	Head	Head	Head
Mexico:										
Arizona:										
Guernsey	1	-	-	1	1	-	1	2	3	12
Holstein	1	-	-	1	1	-	40	41	42	319
California:										
Brown Swiss	2	-	-	2	2	-	8	10	12	7
Guernsey	-	-	-	-	2	-	-	2	2	42
Holstein	4	1	-	5	58	1	235	294	299	1,189
Jersey	2	-	-	2	15	-	-	15	17	8
Illinois:										
Holstein	-	-	-	-	-	22	90	112	112	91
Maryland:										
Holstein	-	-	-	-	-	-	16	16	16	-
Minnesota:										
Holstein	1	7	1	9	14	22	281	317	326	541
New Mexico:										
Holstein	-	2	-	2	-	-	-	-	2	4
New York:										
Holstein	-	-	-	-	-	49	88	137	137	-
Jersey	-	-	-	-	-	3	-	3	3	-
Oregon:										
Holstein	-	-	-	-	-	1	8	9	9	-
Pennsylvania:										
Holstein	-	-	-	-	-	26	33	59	59	-
Texas:										
Brown Swiss	1	2	-	3	1	6	-	7	10	71
Guernsey	-	-	-	-	-	8	3	11	11	3
Holstein	1	-	1	2	5	5	66	76	78	406
Jersey	2	-	-	2	11	21	14	46	48	152
Washington:										
Holstein	8	1	1	10	2	10	76	88	98	1
Jersey	-	-	-	-	-	-	1	1	1	-
Wisconsin:										
Brown Swiss	-	-	-	-	-	-	8	8	8	285
Holstein	2	4	3	9	-	70	576	646	655	1,070
Total	25	17	6	48	112	244	1,544	1,900	1,948	1/ 5,294
Nepal:										
Maryland:										
Jersey	2	-	-	2	4	1	-	5	7	-
Ohio:										
Brown Swiss	2	-	-	2	8	-	-	8	10	-
Pennsylvania:										
Jersey	-	-	-	-	5	-	-	5	5	-
Total	4	-	-	4	17	1	-	18	22	-
Nicaragua:										
Florida:										
Guernsey	-	-	-	-		-	2	2	2	-
Jersey	-	-	-	-	-	-	1	1	1	-
Total	-	-	-	-	-	-	3	3	3	-

Peru:										
Illinois:										
Brown Swiss	1	2	-	3	2	7	3	12	15	-
Massachusetts:										
Holstein	-	-	-	-	-	1	3	4	4	-
Michigan:										
Holstein	1	-	-	1	-	-	-	-	1	-
Ohio:										
Brown Swiss	-	1	1	2	-	4	3	7	9	1
Wisconsin:										
Holstein	-	1	1	2	-	-	-	-	2	-
Total	2	4	2	8	2	12	9	23	31	1/ 18
Turkey:										
Iowa:										
Brown Swiss	3	-	-	3	-	-	-	-	3	8
Kansas:										
Holstein	-	-	-	-	-	-	10	10	10	-
Maryland:										
Holstein	12	-	-	12	35	-	-	35	47	2
Jersey	4	-	-	4	7	-	-	7	11	4
Minnesota:										
Brown Swiss	5	-	-	5	-	-	-	-	5	-
Ohio:										
Brown Swiss	-	-	-	-	6	-	-	6	6	-
Holstein	1	1	-	2	5	-	11	16	18	11
Jersey	11	-	-	11	58	8	-	66	77	26
Pennsylvania:										
Holstein	6	-	-	6	18	-	-	18	24	-
Wisconsin:										
Brown Swiss	24	1	-	25	3	-	-	3	28	-
Jersey	4	-	-	4	1	-	-	1	5	-
Total	70	2	-	72	133	8	21	162	234	1/ 84
Venezuela:										
Florida:										
Brown Swiss	-	-	5	5	-	-	-	-	5	28
Illinois:										
Brown Swiss	17	-	-	17	4	-	5	9	26	28
Holstein	-	-	-	-	-	2	37	39	39	24
Minnesota:										
Unspecified	-	-	1	1	-	-	-	-	1	-
New York:										
Brown Swiss	-	1	-	1	-	1	37	38	39	3
Holstein	-	-	-	-	-	-	3	3	3	7
Jersey	-	1	-	1	-	-	-	-	1	-
Ohio:										
Ayrshire	2	-	-	2	-	-	-	-	2	-
Brown Swiss	-	27	2	29	1	-	34	35	64	75
Holstein	-	-	-	-	-	8	8	16	16	1
Texas:										
Brown Swiss	-	2	1	3	1	1	20	22	25	5
Holstein	-	-	3	3	2	1	16	19	22	-
Wisconsin:										
Brown Swiss	4	5	1	10	-	14	40	54	64	56
Holstein	2	7	2	11	-	1	106	107	118	24
Total	25	43	15	83	8	28	306	342	425	336
Other countries:	3	2	-	5	-	-	1	1	6	99
Grand total	166	96	43	305	470	516	2,347	3,333	3,638	7,125

1/ Total includes all dairy cattle inspected for export during January-June 1957. For complete breakdown as to breed and state of origin during that period see FD 10-57.

Foreign Agricultural Service. Compiled from official health certificates and test charts, ARS.

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FD-12-58
October 3, 1958

U. S. DAIRY PRODUCT EXPORTS DOWN IN 1957; DECLINE CONTINUING

Summary

U. S. dairy product exports in 1957 declined sharply from the high levels of the two previous years, amounting to 2.7 billion pounds, whole milk equivalent. This was 56 percent below the 6.1 billion pounds in 1956. The sharp drop was caused chiefly by the reduction in donations of butter and butteroil.

Exports of cheese and canned milk were down slightly. Only nonfat dry milk showed any significant gain, rising 9 percent over 1956. Nonfat dry milk was also the only major item to show a gain in commercial dollar sales for export. Dried whole milk exports in 1957 were about the same as in 1956.

U. S. dairy product exports in 1957 were valued at $221 million, down 24 percent from $292 million the year before. Most of the exports moved under government programs. About 90 percent of all cheese exports, and 67 percent of nonfat dry milk shipments were donations.

1958 Outlook: U. S. dairy product exports will be down sharply again in 1958, with cheese, evaporated and dry whole milk leading the decline. Data for the first 7 months indicate that butter exports will be up substantially from the low figure of 1957 because of increased shipments under Title I of Public Law 480. Cheese will be down sharply because of the discontinuance of foreign donations under Section 416, Title III, of Public Law 480 during the latter part of 1958. Exports of all dairy products, exclusive of government programs, will be down again in 1958 due to heavy foreign supplies available for export at extremely low prices.

1957 Exports

Exports of dairy products from the United States in 1957 declined substantially from the high level of 1956. Except for nonfat dry milk, all items in the major export categories were down, but the sharp drop in butter exports accounted for most of the decline. Shipments of butter (including the butter equivalent of butteroil) amounted to a little under 10 million pounds, compared with 182 million pounds in 1956. The decline was caused mainly by discontinuance of shipments of butter under section 416 of Title III, (food donations for relief and charity) of Public Law 480. Commercial exports of butter at the special export price of 39 cents per pound were also lower and amounted to only 4.1 million pounds, compared with 23.6 million pounds in 1956 (see table, page 4). The decline was due mainly to the high price of U. S. butter as compared to prices of butter from major exporting countries.

Cheese exports of 172 million pounds in 1957 were down slightly from the 175 million pounds in 1956. The bulk of all cheese exports were Section 416 donations destined principally for Europe. Commercial exports at the special export price of 22 cents per pound were off about 25 percent from the previous year. Price was a major factor in the decline. Venezuela was the principal market for commercial exports. Belgium and Italy continued as important buyers.

Exports of nonfat dry milk reached a record 671 million pounds in 1957, up about 9 percent from the previous year. About 6 percent of all nonfat dry milk exports in 1957 were Section 416 donations. Shipments of nonfat under this program were increased to all areas, particularly to Europe and Asia. Exports of nonfat outside government programs also increased, rising about 8 percent over commercial shipments in 1956. Mexico, the Philippines, and Venezuela were important commercial buyers.

Although total shipments of dry whole milk in 1957 remained at about the 1956 level, exports outside government programs were off slightly. The high price of U. S. milk was a major factor. Venezuela continued to be the principal market for U. S. dry whole milk in 1957, taking about 90 percent of commercial exports. Exports of dry whole milk remained at about the 1956 level because of larger shipments under Title I of Public Law 480.

Evaporated milk exports of 164 million pounds in 1957 accounted for about 80 percent of U. S. exports of canned milk. Both evaporated and condensed milk held near the level of the previous year, mainly because of continued programing by the International Cooperation Administration under Section 402 of Public Law 665 (Economic Aid). About three-fourths of evaporated milk exports to the Philippines was programed by ICA. The Philippines continued as the major market for U. S. evaporated milk exports, taking about 75 percent of the total in 1957. The bulk of the condensed milk exports were programed for Indochina by ICA.

Shipments of both evaporated and condensed milk, exclusive of government programs, continued to decline. Commercial exports of evaporated milk were down about 33 percent from 1956 and commercial exports of condensed continued to be negligible. Again, high U. S. prices were a major factor contributing to this decline.

Dairy product exports in 1957 were valued at $221 million, 24 percent below the $292 million figure of 1956. Despite the discontinuance of shipments of butter and butter oil under Section 416, the bulk of U. S. dairy product exports in 1957 continued to move under government programs. About 90 percent of all cheese exports and 67 percent of nonfat dry milk exports were donations, food shipments for relief and charity and emergency relief under Title II of Public Law 480.

Imports of Dairy Products

In 1957, the value of U. S. imports of dairy products, including casein were $41.3 million, down about 2 percent from 1957 (see Table, page 10). Cheese and casein again were the major import commodities, accounting for 92 percent of the total value. Since most dairy products are under import quotas, there is usually little variation in year-to-year quantity or value figures.

Cheese imports in 1957 totaled 50.9 million pounds, a decline of about 5 per cent from the 53.7 million pounds imported in 1956. Imports of cheese are mainly of the specialty varieties, pecorino, provolone, provolette, and parmesan from Italy; Swiss from Switzerland; edam and gouda from the Netherlands; and blue mold from Denmark.

Casein imports increased about 6 percent to 74.6 million pounds, 12.8 million pounds above the 1951-55 average. Argentina continued to be the major source of casein in 1957, supplying 75 percent of the total.

* * * * * * *

Certain changes have been made in the presentation of data in this circular in order to present a more complete story on the dimensions of U. S. trade in dairy products and to avoid confusion regarding commercial exports and total shipments of products to foreign countries. As far as possible, the data show total exports for each country including shipments for relief and charity (Section 416) and exports exclusive of government programs. The latter figure generally indicates the size of commercial exports of the major items to individual countries. The difference between this figure and the total export figures indicate donations and sales under government programs.

Except for the distribution of Section 416 shipments by countries, included in the total export figures, all data are taken from the regular U. S. Department of Commerce series United States Exports of Domestic and Foreign Merchandise and Foreign Trade Statistics Notes. Shipments of products by countries under Section 416 are from the Food Distribution Division, AMS, U. S. Department of Agriculture.

DAIRY PRODUCTS: U. S. exports of specified products, by type of shipment, 1955-57

Commodity	Total exports	Public Law 480			Public Law 665, Section 402	Other government programs 2/	UNICEF donations	Exports exclusive of government programs
		Title I sales for foreign currency	Title II donations	Title III donations 1/				
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Butter 3/:								
1955	227,190	2,500	10,948	192,092	4/	---	---	5/ 21,650
1956	182,056	9,246	19,736	125,099	4,404	---	---	23,571
1957	9,986	3,123	2,150	561	92	---	---	4,060
Cheese:								
1955	148,183	---	12,671	125,286	4/	---	---	10,226
1956	175,450	2,528	29,499	127,515	4/	---	---	15,908
1957	172,458	5,222	11,557	143,647	29	---	---	12,003
Canned milk:								
1955	162,812	3,200	---	---	6/ 44,743	---	---	114,869
1956	209,959	8,532	---	---	106,186	---	---	95,241
1957	202,256	13,630	---	---	125,837	---	---	62,789
Dry whole milk:								
1955	45,878	---	---	---	6/ 1,438	---	---	44,440
1956	40,224	263	---	---	1,019	---	---	38,942
1957	40,246	2,243	---	---	500	---	---	37,503
Nonfat dry milk:								
1955	512,134	---	21,623	254,889	---	98,192	124,000	13,330
1956	615,469	12,167	40,557	282,896	4,839	97,461	140,728	36,821
1957	670,654	17,499	38,827	410,011	---	76,846	87,659	39,812

1/ Food for relief and charity; mainly donations under Section 416 of Public Law 480.
2/ Partially estimated; includes government-to-government sales at nominal prices for restricted uses.
3/ Includes butter equivalent of butter oil and ghee.
4/ Data not available.
5/ May include some Section 402 shipments.
6/ Estimated.

BUTTER AND CHEESE: U. S. exports by country of destination, annual 1955-57

Country of destination	Butter 1/						All cheese					
	Total exports, including shipments for relief and charity			Exports exclusive of government programs 2/			Total exports, including shipments for relief and charity			Exports exclusive of government programs 2/		
	1955	1956	1957 3/	1955	1956	1957 3/	1955	1956	1957 3/	1955	1956	1957 3/
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounde	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
North America:												
Canada	10	45	36	10	45	36	742	1,377	854	742	1,377	854
Mexico	148	227	62	30	55	62	863	828	1,331	498	708	813
Guatemala	11	20	33	11	20	33	57	58	104	57	58	104
El Salvador	75	28	30	75	28	30	67	150	586	18	39	52
Honduras	355	33	18	40	33	18	342	210	656	—	—	—
Nicaragua	86	13	63	86	13	63	7	—	—	—	—	—
Panama	694	853	320	525	673	320	1,690	2,347	2,177	148	445	672
Bahamas	64	60	23	29	30	23	113	184	128	56	104	128
Cuba	1,079	1,207	1,092	1,079	1,207	1,092	576	558	530	456	558	530
Haiti	156	339	61	6	81	61	368	358	286	94	116	116
Jamaica	154	300	—	—	—	—	206	729	1,795	5	7	27
Curacao, N. W. I.	6	5	1	6	5	1	56	60	80	56	60	80
South America:												
Peru	750	656	360	648	472	360	119	40	1,021	8	40	56
Venezuela	480	157	2	480	157	2	1,120	1,531	2,149	1,120	1,531	2,149
Brazil	459	18	14	17	18	14	710	1,913	1,034	—	—	—
Bolivia	1,417	860	1	—	—	1	2,206	1,051	493	9	—	3
British Guiana	—	174	—	—	—	—	30	—	—	—	—	—
Europe:												
United Kingdom	32	240	—	—	220	—	496	5,329	19	366	5,293	—
Spain	10,016	10,491	—	—	—	—	12,404	28,010	34,845	—	—	—
Portugal	661	4,487	—	661	881	—	—	3,312	3,879	—	—	—
France	3,170	6,543	—	—	4,105	—	1,495	1,477	550	—	28	33
Belgium	62	44	—	—	32	—	658	2,628	2,125	658	2,571	2,063
Germany, Fed. Rep. of	19,031	25,981	—	13	7,076	—	10,629	23,014	19,240	—	125	505
Switzerland	—	—	1,042	—	—	1,042	—	—	—	—	—	—
Italy	31,208	25,370	2,071	—	—	—	39,357	41,483	23,900	2,023	—	1,644
Austria	6,325	5,079	—	—	—	—	5,055	6,036	4,283	—	282	59
Trieste	400	280	—	—	—	—	961	1,122	1,370	—	—	—
Yugoslavia	16,387	4,193	—	—	—	—	1,969	13,346	25,591	—	20	—
Greece	13,824	7,977	—	—	—	—	23,643	13,404	15,819	—	—	—
Asia:												
Turkey	129	5,592	4	—	—	—	47	5,639	32	—	—	—
Israel	16,498	5,596	674	—	—	20	7,077	2,936	4,887	1,855	654	—
Jordan	796	275	4	—	—	—	1,238	60	103	—	—	—
Iran	860	2,709	3	—	—	—	110	105	8	—	—	8
Pakistan	5,040	13,202	3,063	—	10	—	750	5	21	—	5	21
India	41,445	15,721	—	—	—	—	1,045	1,303	698	—	—	—
Indochina	4,620	3,325	85	—	—	—	1,492	770	1,451	—	—	—
Hong Kong	705	969	—	—	—	—	19	22	9	5	19	9
Taiwan	4,567	8,115	2	—	—	—	60	105	87	—	—	—
Korea	4,517	2,106	3	—	—	—	336	969	1,730	8	5	—
Japan	1,545	1,303	4	7	3	4	554	136	38	29	46	—
Philippines, Rep. of	473	868	54	473	868	54	142	223	816	48	203	—
Africa:												
Egypt	4/ 18,440	4/ 9,261	—	—	—	—	25,003	6,244	56	6	—	—
All other	20,495	17,334	861	17,454	7,539	824	4,371	6,378	17,677	1,961	1,614	2,077
Grand total	227,190	182,056	9,986	21,650	23,571	4,060	148,183	175,450	172,458	10,226	15,908	12,003

1/ Includes butter equivalent of butter oil and ghee.
2/ Partially estimated.
3/ Preliminary.
4/ Mainly shipments of butter oil under Section 416 of the Agricultural Act of 1949.

DRIED MILK: U. S. exports by country of destination, annual 1955-57

Country of destination	Nonfat dry milk						Dried whole milk					
	Total exports, including shipments for relief and charity			Exports exclusive of government programs 1/			Total exports, including shipments for relief and charity			Exports exclusive of government programs 1/		
	1955	1956	1957 2/	1955	1956	1957 2/	1955	1956	1957 2/	1955	1956	1957 2/
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
North America:												
Canada 3/	5	872	1,275	—	872	1,275	175	281	226	175	281	226
Mexico	4,628	14,430	15,337	4,384	14,021	15,084	39	178	150	39	178	150
Guatemala	1,542	2,006	1,812	101	237	305	228	153	99	228	153	99
El Salvador	662	831	1,396	—	209	40	110	64	78	110	64	78
British Honduras	292	662	330	—	—	—	27	—	—	27	—	—
Honduras	906	1,650	1,079	72	141	259	419	184	83	419	184	83
Nicaragua	27	97	8	—	97	8	88	62	50	88	62	50
Costa Rica	—	337	615	—	—	72	164	251	45	164	251	45
Panama Republic	1,347	3,289	3,450	182	363	651	246	46	1	246	46	1
Panama Canal Zone	252	273	380	252	273	380	552	576	301	552	576	301
Bahamas	275	166	231	—	136	231	42	31	41	42	31	41
Bermuda	54	43	127	—	43	127	—	12	40	—	12	40
Cuba	36	123	105	—	123	105	43	31	56	43	31	56
Dominican Republic	77	85	123	36	46	123	170	108	29	170	108	29
Haiti	2,018	1,390	499	—	33	59	13	6	1	13	6	1
Jamaica	1,572	1,785	1,773	—	68	—	—	—	—	—	—	—
Leeward and Windward Islands	2,207	2,752	1,373	—	2,752	1,373	6	—	—	6	—	—
Netherlands Antilles	53	233	140	—	233	140	170	178	83	170	178	83
South America:												
Colombia	5,943	10,226	12,432	55	97	—	1,719	185	34	1,719	185	34
Ecuador	970	1,222	250	46	103	12	274	191	76	274	191	76
Peru	6,026	11,830	4,770	1,334	1,366	1,810	293	281	160	293	281	160
Chile	10,892	5,462	3,220	—	—	948	34	6	18	34	6	18
Venezuela	352	1,401	2,410	317	1,401	2,410	35,665	32,108	33,307	35,665	32,108	33,307
Brazil	17,954	27,834	23,304	—	—	—	497	8	3	497	8	3
Bolivia	4,444	8,987	749	—	5,349	—	6	4	10	6	4	10
Paraguay	1,095	1,126	—	—	—	—	30	359	463	30	—	—
Argentina	—	—	559	—	—	559	—	—	96	—	—	96
British Guiana	45	472	243	—	36	123	—	—	—	—	—	—
Surinam	—	668	679	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	10	333	—	—	30	3	47	91	3	47	91
Europe:												
United Kingdom	33	37	70	—	—	55	—	—	—	—	—	—
Spain	41,683	47,620	79,839	—	—	—	—	—	—	—	—	—
Portugal	—	4,125	4,651	—	—	—	—	—	—	—	—	—
Netherlands 4/	—	2,970	2,534	—	—	—	—	—	—	—	—	—
Belgium	45	231	76	—	231	9	—	16	29	—	16	29
France	1,732	1,563	423	—	—	—	—	—	—	—	—	—
Denmark 4/	39,441	39,287	17,576	—	—	—	—	—	—	—	—	—
Germany, Fed. Rep. of	21,044	23,528	22,810	—	246	740	—	7	1	—	7	1
Switzerland 4/	—	321	—	—	—	—	—	—	—	—	—	—
Italy	38,693	28,470	27,194	—	—	—	25	—	—	25	—	—
Austria	2,484	4,402	5,534	—	72	—	—	144	—	—	144	—
Trieste	904	1,140	850	—	—	—	—	—	—	—	—	—
Yugoslavia	11,128	29,384	57,028	—	—	—	—	—	—	—	—	—
Greece	14,341	13,237	11,949	—	—	—	—	—	—	—	—	—

Asia:												
Turkey	542	9,789	2,114	—	—	96	—	10	5	—	—	—
Syria	—	—	558	—	—	—	—	—	—	—	—	—
Lebanon	4,840	6,318	9,162	—	—	—	4	8	9	4	8	9
Israel	20,984	23,945	15,718	2,205	—	—	—	—	—	—	—	—
Jordan	111	250	4,797	—	—	—	—	—	—	—	—	—
Iraq	754	2,580	3,237	—	—	—	97	132	150	97	130	150
Arabian States	61	75	28	—	75	28	17	48	39	17	48	39
Iran	2,224	4,308	2,568	—	—	—	126	119	115	126	119	115
Afghanistan	—	75	204	—	—	—	—	13	12	—	13	12
Pakistan	13,356	16,535	15,472	—	213	87	28	10	56	28	10	56
India	54,070	56,023	66,299	—	1,117	—	48	29	101	48	29	101
Ceylon	928	10,078	6,550	—	—	—	—	1	10	—	1	10
Burma	1,028	2,613	2,318	—	—	—	—	—	—	—	—	—
British Malaya	2,439	2,225	1,230	—	1,825	1,158	—	20	1	—	20	1
Thailand	100	368	471	—	—	—	42	17	75	42	17	75
Indochina	4,717	5,311	4,855	—	—	—	—	486	347	—	—	—
Hong Kong	3,416	4,476	5,046	242	264	556	66	30	4	66	30	4
Taiwan	13,236	18,755	13,457	—	—	—	1,397	422	1,613	—	—	—
Korea	49,848	65,206	29,108	—	—	—	41	94	571	—	—	—
Japan	49,860	59,493	66,974	—	240	—	20	202	1	20	202	1
Indonesia	2,256	5,535	7,159	—	—	—	—	—	—	—	—	—
Philippines, Rep. of	6,278	12,825	25,600	2,386	4,122	7,861	1,450	1,519	786	1,450	1,519	786
Nansei and Nanpo Is.	1,530	1,634	1,977	—	—	—	—	—	48	—	—	48
U. S. Trust Territories	1,185	1,430	—	—	—	—	—	16	11	—	—	1
Africa:												
French Morocco	220	286	14,410	—	40	129	—	—	—	—	—	—
French West Africa	—	—	750	—	—	—	—	—	—	—	—	—
Liberia	—	111	72	—	—	—	26	45	34	26	45	34
Algeria	—	156	991	—	—	—	—	—	—	—	—	—
Ghana	—	100	75	—	100	—	—	—	—	—	—	—
Nigeria and Cameroons	188	344	131	—	—	—	—	—	—	—	—	—
Tunisia	230	—	2,943	—	—	284	—	—	—	—	—	—
Libya	—	362	2,064	—	—	978	—	—	—	—	—	—
Belgian Congo	—	—	60	—	—	60	1,343	1,248	622	1,343	1,248	622
Rhodesia	36	38	71	—	—	—	—	—	—	—	—	—
Union of South Africa	—	174	247	—	174	247	—	—	—	—	—	—
Egypt	40,601	332	1,918	—	—	—	—	6	—	—	6	—
Ethiopia	40	137	288	—	—	—	—	—	—	—	—	—
Kenya	100	138	524	—	—	—	—	—	—	—	—	—
British East Africa	36	103	225	—	103	—	—	—	—	—	—	—
Somaliland	—	—	330	—	—	—	—	—	—	—	—	—
All others	1,718	6,764	51,117	1,718	—	1,400	135	232	65	135	337	321
Grand total	512,134	615,469	670,654	13,330	36,821	39,812	45,878	40,224	40,246	44,440	38,942	37,503

1/ Partially estimated.
2/ Preliminary.
3/ Includes Newfoundland and Labrador.
4/ All feed.

CANNED MILK: United States exports, by country of destination, annual 1955-57

Country of destination	Evaporated milk						Condensed milk					
	Total exports			Exports, exclusive of government programs 1/			Total exports			Exports, exclusive of government programs 1/		
	1955	1956	1957 2/	1955	1956	1957 2/	1955	1956	1957 2/	1955	1956	1957 2/
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
North America:												
Canada 3/	24	66	19	24	66	19	—	18	4	—	18	4
Mexico	12,208	15,457	13,935	12,208	15,457	13,935	—	6	1	—	6	1
Costa Rica	295	148	146	295	148	146	—	—	—	—	—	—
Nicaragua	306	390	453	306	390	453	—	—	—	—	—	—
Guatemala	23	17	—	23	17	—	—	—	—	—	—	—
Honduras	183	97	52	183	97	52	61	—	1	61	—	1
Panama Republic	296	46	82	296	46	82	—	—	—	—	—	—
Panama Canal Zone	4,669	4,091	1,702	4,669	4,091	1,702	9	10	6	9	10	6
Bahamas	256	6	87	256	6	87	—	—	—	—	—	—
Bermuda	54	—	—	54	—	—	—	—	—	—	—	—
Cuba	18,256	14,034	14,109	18,256	14,034	14,109	—	—	—	—	—	—
Dominican Republic	—	—	11	—	—	11	—	—	—	—	—	—
Haiti	103	265	137	103	265	137	—	—	—	—	—	—
Jamaica	35	63	93	35	63	93	—	—	—	—	—	—
South America:												
Colombia	142	134	43	142	134	43	—	—	—	—	—	—
Ecuador	51	69	4	51	69	4	—	—	—	—	—	—
Peru	1,723	683	1,323	1,723	683	1,323	—	—	36	—	—	36
Venezuela	603	747	598	603	747	598	36	56	13	36	56	13
Trinidad and Tobago	35	7	6	35	7	6	—	—	—	—	—	—
Europe:												
France	9	4	5	9	4	5	—	—	—	—	—	—
Greece	5,607	2,940	4/ 5,866	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	112	138	138	112	138	138
Asia:												
Lebanon	—	—	—	—	—	—	40	—	—	40	—	—
Afghanistan	8	21	26	8	21	26	—	—	—	—	—	—
India	—	7	10	—	7	10	—	—	—	—	—	—
Iran	—	38	37	—	38	37	—	—	—	—	—	—
British Malaya	—	65	—	—	65	—	—	1,437	—	—	1,437	—
Burma	—	4,350	—	—	—	—	—	1,271	4/ 5,345	—	—	—
Hong Kong	—	16	—	—	16	—	—	592	84	—	592	84
Indochina	168	1,428	61	—	—	61	6,065	35,016	5/ 28,205	—	—	—
Indonesia	—	374	—	—	—	—	4	—	15	4	—	15
Thailand	—	—	—	—	—	—	—	359	5/ 1,849	—	—	—
Taiwan	68	109	4/ 1,098	—	—	—	1,275	727	4/ 2,096	—	—	—
Japan	481	137	567	481	137	567	210	—	4	210	—	4
Philippines, Republic of	108,860	123,644	6/ 123,008	74,000	55,500	28,000	159	200	30	159	200	30
Pakistan	—	76	106	—	76	106	—	—	—	—	—	—
French Pacific Islands	—	25	—	—	25	—	—	—	—	—	—	—
Kuwait	20	12	—	20	12	—	5	5	7	5	5	7
Saudi Arabia	64	169	88	64	169	88	—	—	—	—	—	—
Goa	—	—	165	—	—	165	—	—	—	—	—	—
U. S. Trust Territories	—	—	406	—	—	406	—	—	31	—	—	31
Others	353	371	145	353	371	145	36	18	3	36	18	3
Total	154,800	170,106	164,388	114,197	92,761	62,416	8,012	39,853	37,868	672	2,480	373

1/ Partly estimated. 2/ Preliminary. 3/ Includes Newfoundland and Labrador. 4/ All under Title I, Public Law 480. 5/ All under Section 402, Public Law 665. 6/ Approximately 95,000,000 pounds under Section 402, Public Law 665.

DAIRY PRODUCTS (Malted Milk Compounds, Infants and Dietetic Foods):
U.S. exports by country of destination, Annual 1955-57

Country of Destination	Malted Milk Compounds and mixes			Infant and Dietetic Foods (milk base)		
	1955	1956	1957 1/	1955	1956	1957 1/
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Canada 2/	41	94	86	184	259	418
Mexico	46	51	34	744	1,013	959
Guatemala	64	82	42	294	309	407
El Salvador	15	38	46	245	236	223
Honduras	22	22	26	141	153	201
Nicaragua	2	22	20	137	139	190
Costa Rica	11	9	2	312	223	241
Panama Republic	76	51	118	381	212	586
Panama Canal Zone	36	26	21	50	19	17
Cuba	383	323	372	442	358	383
Dominican Republic	50	98	51	109	151	140
Haiti	24	14	43	77	109	82
Netherlands Antilles	184	111	173	106	90	111
Other North America	22	15	27	7	5	22
Colombia	42	-	-	1,698	1,505	996
Ecuador	13	6	4	268	274	299
Peru	7	2	28	196	218	256
Bolivia	2	18	9	28	34	22
Chile	-	-	1	3	9	157
Venezuela	40	37	132	3,267	4,070	3,733
Uruguay	6	7	10	125	86	124
Brazil	-	-	-	125	-	-
Other South America	3	18	20	14	7	22
United Kingdom	-	-	-	-	33	120
Belgium	41	37	60	152	271	147
Italy	-	-	-	50	97	1,529
Other Europe	-	26	6	2	5	33
Turkey	-	-	-	36	8	6
Lebanon	-	1	3	20	56	43
Arabian States	-	3	11	15	46	27
Iraq	-	-	21	195	248	353
Iran	24	36	15	52	56	150
India	16	6	4	20	61	56
Ceylon	1,364	1,054	1,074	20	22	20
British Malaya	-	-	38	-	3	14
Thailand	-	-	1	444	368	314
Indochina	-	105	-	-	3/154	-
Hong Kong	16	1	24	114	76	73
Taiwan	-	-	-	708	3/697	3/391
Korea	-	-	-	33	10	5
Indonesia	-	-	486	1,009	70	228
Philippine, Republic of	1,563	999	1,685	1,366	1,493	1,491
Other Asia	-	10	38	25	37	53
French Morocco	-	4	1	-	-	110
Angola	-	-	-	29	40	37
Egypt	-	-	-	88	90	34
Union of South Africa	-	-	1	323	345	430
Mozambique	43	11	16	11	1	13
Other Africa	17	7	27	5	11	11
Other not specified	107	8	38	45	15	35
TOTAL	4,280	3,380	4,814	13,715	13,792	15,312

1/ Preliminary. 2/ Includes Newfoundland and Labrador. 3/ All under Section 402, P.L. 665.

DAIRY PRODUCTS: U. S. exports, by category, quantity, and value, 1955-57 1/

Item	Quantity			Value		
	1955	1956	1957 2/	1955	1956	1957 2/
	1,000 pounds	1,000 pounds	$1,000 pounds	$1,000	$1,000	$1,000
Milk and cream, fresh	2,073	2,695	3,125	566	692	729
Butter	126,650	102,762	6,078	55,958	47,813	3,273
Cheese, all types	148,183	175,450	172,458	43,983	54,863	52,644
Milk, processed:						
Condensed, sweetened	8,012	39,853	37,868	1,943	8,776	8,571
Evaporated	154,800	170,106	164,388	22,963	26,547	25,642
Dried whole milk	45,878	40,224	40,246	23,232	19,853	20,438
Nonfat dry milk	512,134	615,469	670,654	61,846	74,173	91,500
Milk products, processed:						
Infants' and dietetics', chiefly milk base	13,715	13,792	15,312	8,816	9,080	8,981
Malted milk compounds and mixtures	4,280	3,380	4,814	2,064	1,623	2,400
Ice cream powder mixes	730	845	783	325	361	336
Caesin (inedible) 3/	127	277	57	64	65	25
Dairy products, n.e.c. 4/	108,447	88,383	11,405	47,439	47,927	6,515
Total value				269,199	291,773	221,054

1/ Includes shipments for relief and charity under Public Law 480.
2/ Preliminary.
3/ Not included with dairy products in Census classification.
4/ Includes butter equivalent of butter oil.

Total Imports of Milk, Cream and Dairy Products
Average 1951-55, Annual 1956-57

Quantity and Value

Item	Average 1951-55	1956	1957 1/	Average 1951-55	1956	1957
	1,000 pounds	1,000 pounds	1,000 pounds	$1,000	$1,000	$1,000
Cream	3	-	-	1	-	-
Whole Milk	92	-	-	10	-	-
Skimmed Milk & Buttermilk	7	-	-	1	-	-
Condensed, Sweetened	4	4	27	1	1	4
Evaporated	105	2	-	16	-	-
Condensed, N.E.S.	2	-	-	-	-	-
Whole milk, Dried	10,388	2/44	6	2,575	1	1
Cream, Dried	73	-	-	35	-	-
Skimmed Milk, Dried	919	1,420	1,695	82	130	165
Buttermilk, Dried	3,260	162	136	370	17	13
Malted Milk Compounds, Dried	1,127	-	-	486	3	-
Butter	469	2/721	749	246	371	374
Cheese, all	51,938	53,716	50,871	25,068	27,410	25,979
Swiss	8,035	8,319	8,957	4,708	4,919	5,292
Gruyere	3,054	2/3,683	3,808	2,002	2,262	2,288
Romano	1,775	1,791	1,141	625	580	383
Pecorino 3/	12,222	13,741	12,281	6,765	8,346	6,940
Regginao	1,348	1,630	1,430	578	610	569
Parmesan	228	269	343	130	129	175
Provoloni) Provolette)	3,632	2/4,001	3,681	1,830	1,950	1,873
Roquefort	1,764	1,861	2,097	1,248	1,441	1,587
Cheddar	6,360	2,782	2,243	1,838	764	646
Blue Mold	3,738	2/3,994	3,596	1,526	1,801	1,651
Edam & Gouda	4,425	5,187	4,580	1,713	2,057	1,802
Bryndza	6	49	29	1	15	8
Sbrinz	309	117	29	108	40	9
All other cheese including processed not listed above	5,042	2/6,292	6,661	1,996	2,496	2,751
Casein, Dried	61,757	70,673	74,604	11,026	14,276	14,659
Lactose, Dried	2,256	-	-	335	126	142
Total value				40,252	42,335	41,337

1/ Preliminary. 2/ Revised. 3/ Pecorino cheese, sheep's milk cheese, including small amounts not suitable for grating.

Prepared in Foreign Agricultural Service. Compiled from Foreign Commerce and Navigation of the United States and official records of the Bureau of the Census.

Imports by Country of Origin
Average 1951-55, Annual 1956-57

Region and Country	Butter			All Cheese		
	Average 1951-55	1956	1957 1/	Average 1951-55	1956	1957 1/
	1,000 pounds			1,000 pounds		
North America						
Canada 2/	93	-	3	1,315	697	484
Cuba	-	-	-	-	-	-
South America						
Argentina	41	3/149	89	3,224	3,621	2,580
Brazil	-	15	5	10	9	1
Europe						
Denmark	121	168	137	4,906	5,746	5,672
Netherlands	8	-	-	4,074	4,558	4,203
United Kingdom	-	3	-	26	35	28
Portugal	-	-	-	32	37	39
Sweden	-	3/7	8	106	73	107
Switzerland	-	-	-	9,898	10,422	10,655
Turkey	-	-	-	10	-	-
Yugoslavia	-	-	-	159	275	260
Austria	-	-	-	97	277	442
Belgium	-	-	-	8	137	117
Finland	-	-	-	547	693	812
France	-	-	-	1,855	1,957	2,240
Germany, Western	-	-	-	219	312	354
Spain	-	-	-	6	38	13
Greece	-	-	-	98	504	344
Ireland	-	-	-	8	-	-
Italy	-	-	-	19,415	21,095	20,004
Malta & Gozo	-	-	-	23	16	23
Norway	-	-	-	681	759	630
Bulgaria	-	-	-	30	5	12
Czechoslovakia	-	-	-	5	42	21
Oceania						
Australia	-	20	1	13	-	11
New Zealand	201	358	505	5,143	2,374	1,774
Others	5	-	1	25	3/34	44
TOTAL	469	721	749	51,933	53,716	50,871

1/ Preliminary. 2/ Includes Newfoundland and Labrador. 3/ Revised.

Prepared in Foreign Agricultural Service. Compiled from Foreign Commerce and Navigation of the United States and official records of the Bureau of the Census.

Imports by Country of Origin
Annual 1953-57

Product and Country	1953	1954	1955	1956	1957 1/
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
CHEESE					
Cheddar					
Canada 2/	955	482	526	399	458
Denmark	-	-	11	1	-
Ireland	-	-	-	-	-
Sweden	16	5	5	4	4
Australia	63	-	-	-	11
New Zealand	6,775	2,327	2,035	2,373	1,770
Others	1	-	-	5	-
Total	7,810	2,814	2,577	2,782	2,243
Swiss 3/					
Canada 2/	30	-	-	-	-
Austria	36	237	195	276	443
Belgium	2	-	-	137	116
Denmark	500	290	320	446	598
Finland	445	761	792	670	797
France	12	-	5	1	-
Germany, Western	208	37	62	107	126
Ireland	1	1	-	-	-
Italy	2	22	48	53	109
Netherlands	31	23	181	49	53
Norway	55	-	-	-	22
Sweden	5	-	60	-	-
Switzerland	10,543	10,124	10,551	10,247	10,501
Others	1	12	12	17	-
Total	11,871	11,507	12,226	12,003	12,765
Romano					
Italy	-	-	7	6	-
Argentina	2,226	1,542	1,359	1,785	1,141
Total	2,226	1,542	1,366	1,791	1,141

NOTES: At end of final sheet of cheese by type.

Imports by Country of Origin
Annual 1953-57
(continued)

Product and Country	1953	1954	1955	1956	1957[1]
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
CHEESE -- continued					
Pecorino					
Denmark	29	-	1	-	-
Greece	14	19	46	100	128
Italy	12,125	13,180	12,804	13,341	11,832
Yugoslavia	-	17	118	104	104
Argentina	144	78	230	145	175
Others	1	23	[5]43	52	42
Total	12,313	13,317	13,242	13,742	12,281
Reggiano					
Italy	357	322	631	407	496
Argentina	1,699	1,256	625	1,223	934
Others	-	33	-	-	-
Total	2,056	1,611	1,256	1,630	1,430
Parmesan					
Italy	297	251	396	269	343
Others	-	-	-	-	-
Total	297	251	396	269	343
Provolone & Provolette					
Italy	3,775	3,634	4,035	3,867	3,672
Argentina	6	3	-	[4]	9
Canada	-	-	40	133	-
Others	-	-	-	-	-
Total	3,781	3,637	4,075	4,000	3,681
Roquefort					
France	1,806	1,875	1,630	1,855	2,097
Others	-	4	-	6	-
Total	1,806	1,879	1,630	1,861	2,097

NOTES: At end of final sheet of cheese by type.

Imports by Country of Origin
Annual 1953-57
(continued)

Product and Country	1953	1954	1955	1956	1957[1]
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
CHEESE -- continued					
Blue Mold					
Denmark	3,136	3,130	3,761	3,797	3,455
France	11	11	8	8	4
Italy	125	104	103	103	100
Norway	-	-	25	31	10
Sweden	9	39	25	8	14
Switzerland	-	4	25	30	-
United Kingdom	11	16	10	13	11
Others	39	-	27	4	5
Total	3,331	3,304	3,984	3,994	3,596
Edam and Gouda					
Canada [2]	-	-	-	-	-
Belgium	3	-	-	-	-
Denmark	157	251	357	395	246
Finland	8	11	-	11	11
Netherlands	4,035	4,161	4,255	4,380	3,973
Norway	221	196	151	187	140
Portugal	4	3	5	3	3
Sweden	1	4	-	8	14
Switzerland	5	5	2	14	6
Argentina	126	101	142	151	180
Others	-	-	3	[6]47	-
Total	4,560	4,732	4,915	5,196	4,580
Sbrinz					
Italy	-	-	-	-	-
Switzerland	-	-	-	-	-
Argentina	273	82	37	117	29
Uruguay	-	-	-	-	-
Total	273	82	37	117	29

NOTES: At end of final sheet of cheese by type.

Imports by Country of Origin
Annual 1953-57
(continued)

Product and Country	1953	1954	1955	1956	1957 1/
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
CHEESE - continued					
Other					
Canada 2/	84	7	129	161	25
Mexico	2	6	-	-	-
Dominican Republic	4	-	-	-	-
Belgium and Luxembourg	5	6	1	-	2
Bulgaria	42	45	-	4	12
Denmark	819	845	1,015	1,110	1,373
Finland	46	19	14	11	4
France	48	47	68	92	139
Germany, Western	74	7/142	284	206	229
Greece	69	64	257	403	217
Italy	3,357	3,002	3,302	3,032	3,449
Malta	15	18	19	-	2
Netherlands	133	141	144	128	176
Norway	493	513	566	539	459
Portugal	29	22	38	29	36
Sweden	50	59	47	54	74
Switzerland	228	128	126	133	148
Turkey	7	7	-	-	-
United Kingdom	11	7	8	6	15
Yugoslavia	213	180	181	171	156
Argentina	161	-	8	200	107
New Zealand	-	-	-	-	7
Others	1	7/24	8/40	9/62	58
Total	5,891	5,282	6,247	6,341	6,688

1/ Preliminary. 2/ Includes Newfoundland and Labrador. 3/ Includes Ementhaler with eye-formation and Gruyere process cheese. 4/ Less than 500 pounds. 5/ Of which, 32,000 pounds from Spain. 6/ Of which, 11,000 pounds from U. K. and 16,000 pounds from Italy. 7/ Revised. 8/ Of which, 23,000 pounds of Bryndza from Czechoslavakia. 9/ Of which, 42,000 pounds of Bryndza from Czechoslovakia.

Prepared in Foreign Agricultural Service. Compiled from Foreign Commerce and Navigation of the United States and official records of the Bureau of the Census.

Imports by Country of Origin
Annual 1953-1957
(continued)

Product and Country	1953	1954	1955	1956	1957 1/
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
CASEIN					
Canada 2/	2,780	3,901	2,824	2,951	1,074
Azores	198	120	69	210	314
Belgium	-	-	-	-	-
Denmark	708	114	-	173	10
France	960	3,564	797	448	1,128
Germany, Western	-	22	-	109	-
Netherlands	1,257	606	770	460	1,024
Norway	983	460	665	428	1,163
Portugal	84	126	-	-	221
Sweden	-	-	4	-	2
Switzerland	33	-	-	-	-
United Kingdom	21	-	-	-	-
Argentina	54,683	41,249	56,243	51,712	55,673
Brazil	383	925	219	109	192
Uruguay	1,662	1,695	875	492	923
Australia	1,050	1,460	4,413	6,503	4,152
New Zealand	9,444	5,591	7,563	6,998	8,298
Others	-	-	38	80	430
Total	74,246	59,833	74,480	70,673	74,604

1/ Preliminary. 2/ Includes Newfoundland and Labrador.

Compiled from Foreign Commerce and Navigation of the United States and official records of the Bureau of the Census.

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FD-11-58
September 22, 195

DAVID L. HUME APPOINTED DIRECTOR OF DAIRY AND POULTRY DIVISION OF FOREIGN AGRICULTURAL SERVICE

David L. Hume has been appointed Director of the Dairy and Poultry Division of the U. S. Department of Agriculture's Foreign Agricultural Service. He succeeds the late C. J. Babcock.

Mr. Hume will have primary responsibility in developing and conducting activities and programs helpful to increasing commercial sales abroad of United States poultry and dairy products and the breeding stock used in the production of such products. The economic and analytical functions relating to these commodities in foreign countries also will be under his direction.

The new Director has been Deputy Director, Poultry Division, Agricultural Marketing Service, U. S. Department of Agriculture since September 1, 1955. While in the Army from 1941-46 he served as contracting officer for dairy products and poultry with Quartermaster Market Centers in Spokane, Seattle, San Francisco, and Chicago.

From January 1946 through December 1951 Mr. Hume served as purchasing officer and Chief of the Dairy Products and Poultry Branch, Headquarters, Quartermaster Market Center System, Chicago, Illinois. In this assignment he was responsible for the procurement and shipment of dairy and poultry products for the Armed Forces in the United States and abroad.

In 1952 he entered private industry serving as Vice-President of a Chicago poultry and poultry products firm where he was a member of the Chicago Mercantile Exchange. Mr. Hume holds a B.S. Degree from South Dakota State College and an M.S. Degree from North Dakota Agricultural College.

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LATIN AMERICA BEST MARKET FOR U. S. DAIRY BREEDING CATTLE [1]

Latin America appears to be an excellent market, present and potential, for U. S. dairy breeding cattle. These general observations can be made:

U. S. dairy cattle are well received because of their reputation for high production and longevity.

Competition is keen from the Netherlands, West Germany, Argentina, and particularly Canada. These countries are stressing attractive financing, quality control of their exports, and disease-resistance of their animals.

High prices of milk throughout most of Latin America discourage fluid milk consumption. Converted to U. S. currency, these prices seem low, but in terms of purchasing power, they would be the same as prices of 50 cents to $2 per quart in the United States. The relatively high cost of production prevents price cuts that would encourage milk consumption. Low margins of profit discourage expansion of dairy herds except in economically strong population centers where average income is higher.

Milk is generally distrusted as a sanitary food. Many dairies are handicapped in production, transportation, pasteurization, and distribution facilities.

Artificial insemination has made great strides. Not only is there an increasing demand for U. S. frozen semen, but cattle importers are using their own bulls far more extensively for artificial insemination. This will lead to a demand for better quality bulls.

Some countries are enforcing minimum classification and production standards for animals imported. These requirements should be ascertained before U. S. cattle are exported. Exceeding the minimum requirements will help build confidence in U. S. animals.

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[1] This circular is based on observations by Fred M. Lege, Marketing Specialist, Dairy and Poultry Division, Foreign Agricultural Service, during a recent marketing survey of Brazil, Chile, Peru, Ecuador, Colombia, Honduras, Guatemala, and Mexico. Since details of the market prospects for each breed have been supplied to the breed association concerned, any inquiry should be directed to the proper breed association.

BRAZIL

Any significant increase in U. S. dairy cattle exports to Brazil at this time appears to be possible only through (1) drastic revision of Brazil's exchange rate, including that applicable to cattle imports, and (2) boosting consumer demand for milk to the point where the dairyman's profit would be larger.

Exchange Rate is Handicap: Brazil is in the throes of inflation. As the government is trying to control the depreciation of the cruzeiro by restricting imports, agricultural marketing possibilities are limited.

The free-market value of the cruzeiro was 132 to the U. S. dollar on July 3, 1958, but multiple exchange rates (in force to limit imports) made it necessary for an importer of dairy cattle to pay 150 cruzeiros to get $1. The free-market rate of the cruzeiro had depreciated from 78:1 in August 1957 to 132:1 in July 1958.

This explains briefly why it will be harder for Brazilians to buy U. S. dairy cattle this year than last. Many breeders indicate that they would not want to accept loans, or even free transportation, to send buyers to the United States. The money would have to be repaid, and the dollars would cost too much.

Brazilian importers bought only 12 head of purebred U. S. dairy animals last year, but in spite of the currency situation, at least this many should be purchased this year. The importers are wealthy "fazendeiros" who know what they want and will pay extra for it. Otherwise, under the present exchange rate, the most feasible marketing approach would be through producer and purchasing cooperatives that might import bulls for use by their members.

Price of Milk Another Limiting Factor: The price of milk in Brazil (in the Campinas area near Sao Paulo) is equal to 1 hour's work on the minimum wage scale. This would be comparable to a price of $1 per quart in the United States. Under these circumstances, market expansion will necessarily be limited, and then can extend only to the middle and higher income groups. Without the prospect of expanding markets, dairymen are not enthusiastic about importing dairy cows.

High Production and Distribution Costs Reduce Profit: Producers of Grades A and B milk are also distributors, so they are affected by both production and distribution costs--which discourage their importation of breeding animals.

Pasteurizers, trucks, coolers, and other equipment necessary to produce good milk are on the high exchange-rate list. Profits on sales of Grades A and B milk are insecure, as prices depend on competition and the limited market. The price of Grade C milk is regulated by the government, but is generally somewhat lower than on the higher grades.

CHILE

There is a market for 50 to 100 head of high-quality dairy animals per year in Chile, with a probable preference for Holsteins. The deposit rate is fixed, but if exports could be financed at less than 17.5 percent interest per annum, shipments could reach 100 to 200 head a year.

Competition from Argentina on grade Holsteins through bilateral trade treaties prevents U. S. competition on anything but top-quality registered animals. There is a feeling in southern Chile that German or Dutch cattle will be more disease-resistant there. Wealthy Chilean dairymen, and possibly the cooperatives, will continue to be the only importers for some time to come.

Immediate Market Potential: If tentative plans work out, DTICA (a joint Chile-U. S. agricultural agency), will buy two top bulls for use in artificial insemination and breeding cows in the demonstration herd being established in southern Chile. These bulls will be out of dams with production records of over 22,000 pounds of milk, and by bulls with the same production background.

If DTICA stocks its demonstration herd with 20 Chilean female animals out of directly imported U. S. sires and dams, the Chilean Holstein Association has agreed in turn to import at least 50 head of high-quality dairy breeding cattle from the United States within the next 12 months. It has also declared an intention to maintain this volume for the next 5 years. This will be a marked increase over the five head of U. S. animals imported into Chile in 1957. (The animals being imported are all high priced.)

Effects of Inflation: Inflation has rapidly depreciated the Chilean peso. Three years ago $1 U. S. was worth about 600 pesos. In July 1958, it would buy 1,025 pesos.

Milk prices have increased sharply in the past 3 years, rising from 45 pesos per liter to 72 pesos. However, in July of this year the price of milk in terms of the minimum wage rate in Santiago was only one-half hour's work for a liter of milk. While this would still be equivalent to at least 50 cents a quart on U. S. markets--or about double the U. S. price of milk--it was the cheapest price found in the eight countries surveyed.

Ample Funds for Cattle Importation Available: Banco del Estado officials have indicated they will finance any amount of cattle that Chileans want to import if importers can meet credit standards. The bank's standards are, in brief:

(1) Breeder can get credit of 80 percent delivered price on 3-year credit terms by paying the 20 percent at once and the balance in 3 equal payments at 1-year intervals. The interest rate is 17.5 percent.

(2) The full delivered price must be deposited with the Central Bank of Chile for 90 days. If the money is borrowed, the interest rate begins at this time.

(3) Before the importer can get the animals out of customs quarantine he has to have 100 percent of the delivered value to give the Central Bank. If the 90 days are not up on the first 100-percent deposit, he will have to produce another 100 percent of the imported value to take the animal home. He will then be reimbursed at the end of the first 90-day deposit period. This is done to discourage imports (on some articles, instead of 100 percent, the deposit is 5,000 percent).

The high interest rates make borrowing appear expensive, but actually it has been good business. For the past few years any interest rates below 20 percent have been considered advantageous, because the peso has depreciated about 30 percent per year and repayment has been very easy.

Chile wants to pay its own way in buying dairy breeding cattle. (The Ministry of Agriculture recently turned down a generous British offer of free semen.)

Need for Consumer Education: There is much need for consumer education on the food value and use of milk and of powdered milk.

PERU

The market possibilities are excellent, but most U. S. breeds other than Holsteins will probably find their best market outside the Lima milkshed. With constructive work, U. S. breeders could send between 150 to 200 head of dairy cattle of all breeds to Peru within the next 12 months, although the depreciation of the sol tends to discourage importation of large numbers of cattle. On one farm alone in the Lima area, there is a ready market for 50 to 80 head of top-quality Holstein heifers from heavy-producing dams.

Potential buyers stress the point that if U. S. breeders want to keep the Peruvian market they must continue to supply better quality animals. U. S. breed associations can help the Peruvians and themselves by suggesting minimum import requirements that would assure Peruvians of quality cattle and U. S. breeders of a continuing market.

Immediate Market Opportunities: SCIPA and PCEA, the joint U. S.-Peruvian agriculture services, are expected to be in the market for 25 to 30 head of Brown Swiss for demonstration herds being set up in Tingo Maria and Cajamarca. Some Santa Gertrudis are wanted by one of the big dairy and beef cattle operators; and there is a market for Jerseys at least in the milksheds in northern Peru.

Economic Considerations: Since milk prices have such an important bearing on milk use and, in turn, on demand for dairy cattle, prices in Peru--as in other countries--should be compared in terms of purchasing power.

In Peru, the minimum wage earner in the cities has to work three-quarters of an hour to buy a liter of pasteurized fluid milk. This is the equivalent of 75 cents per quart in the United States.

Peru's economy was very stable until recently, when the value of the sol dropped from 19 to 24.25 to $1 U. S. This will discourage imports. But here again, imports of cattle from the United States depend on importations by wealthy dairymen who have long-term investments in mind.

Increasing Demand for U. S. Frozen Semen: Many farms in Peru were using artificial insemination with frozen semen from the United States. All breeders contacted seemed satisfied with the local representatives and with the conception rates of the U. S. semen. There is a request for some inseminators in a new area where there are reportedly 4,000 head of cattle to be inseminated each year.

Milk Production of U. S. Cattle Well Known: There was a general agreement on the "haciendas" visited that U. S. cattle would produce more milk for more years than other competitive cattle.

New Pasteurizing-Sterilizing Plant Should Help Popularize Milk: There is no more modern milk plant anywhere than the new pasteurizing-sterilizing plant on the outskirts of Lima.

Owned by a union of milk producers, it has a present capacity of 50,000 liters per day, but the floor plan and building were planned for installation of another 50,000-liter capacity "line" alongside the present line, merely by adding machinery. This plant is very impressive, and its equipment permits production of a top-quality product. This should generate more confidence in milk sanitation and should increase demand among the middle and upper-income groups of the Lima area.

Tuberculosis and Brucellosis Represent a Serious Problem.--Although U. S. test and slaughter procedures would mean a too drastic rate of culling, work is being done to eradicate these diseases.

ECUADOR

There is an immediate voiced market for $55,000 worth of Holstein cattle, an undetermined number of Jerseys and Guernseys, and close to $300,000 worth of Brahmans.

U. S. exports to Ecuador can best be increased by helping to arrange 5 to 6-year credit facilities, using as a model the Export-Import loan to Mexico. Ecuadoran breeders say this would bring U. S. cattle breeders about $2 million worth of business not possible under present financing arrangements.

Current Demand for Dairy Breeding Cattle: One Ecuadoran breeder wants 50 head of 2-year-old Holstein heifers classified "Very Good." Another breeder, expected soon to be visiting the United States, wants 5 to 10 top young Holstein heifers.

There is a market for some Jerseys and possibly some Guernseys in the Guayaquil area.

Brahmans are in considerable demand. One breeder in the Guayaquil area is interested in buying $250,000 worth of Brahmans in a single sale. This would make him the largest Brahman breeder in the country. The joint U. S.-Ecuadoran service is also interested in buying some Brahmans--30 head for a demonstration herd. The International Cooperation Administration (ICA) and the Food and Agriculture Organization (FAO) are working together to improve Ecuador's cattle industry, and in so doing are helping U.S. exporters in this market.

Economic Considerations: Unlike many other Latin American countries, the stability of Ecuador's exchange rate helps maintain U. S. exports, although the relatively high price of milk will limit extensive expansion of Ecuador's dairy industry for the time being. The price of milk in the cities is equivalent to 1 hour's work for 1 liter of milk--again equivalent to $1 per quart or more in the United States.

Interest rates on borrowed capital total 9 percent. This rate in relation to the stability of the exchange is considered too high to encourage borrowing for dairy cattle importation. However, the main financial deterrent to importation is the absence of long-term credit. The longest term credit offered is 4 years for animals under 2 years old, while for animals over 2 years old only 2-year credit is available.

Import Requirements May Be Tightened: The present minimum performance and type requirements for importation of Holstein cattle into Ecuador do not seem too strict, and appear to be beneficial to importers and exporters. Proposals to tighten them seem reasonable.

Minimum import requirements for other breeds are now being considered. Since U. S. standards are being used, this gives U. S. breed associations a chance to be helpful to Ecuadoran breeders and, at the same time, develop U. S. market opportunities.

ICA and FAO Breeder Education Programs Helpful: There has been some tendency for Ecuadoran buyers of U. S. animals to be lax in caring for the offspring of these animals, with consequent dissatisfaction over their purchases. The worthwhile work of ICA and FAO in the fields of nutrition, pasture improvement, and management should do much to overcome this laxity.

COLOMBIA

Colombia's economy has weakened to a point where imports are now restricted in an effort to save foreign exchange. (The Colombian peso has depreciated 14 percent in the past year, in terms of the U. S. dollar.)

Imports of dairy cattle are prohibited unless the U. S. breeder will accept nonconvertible pesos and go to Colombia to spend them. However, only 3 years ago, Colombia imported $3 million worth of cattle in one year. If and when import restrictions are relaxed, the United States has an excellent chance of recapturing a once-big market. (Anticipating the eventual removal of import restrictions, Canada now has a full-time representative in Colombia who is publicizing Canadian Holsteins.)

Some Immediate Market Opportunities: In spite of inflation and import restrictions, Colombians are reported to be interested in buying about 15 Ayrshires and 15 Guernseys. In addition, the Ministry of Agriculture is said to be in the market for two or three really top-quality 2 to 3-year old bulls for the government's artificial breeding centers. The Antioquian (State) Fundo Ganadero is in the market for Brahmans and Santa Gertrudis.

Officials indicate a need for heavy milk-producing breeds to meet the growing demand for milk in the large population centers. (Breeders say too many cows have been imported for type instead of productivity.) A good grade cow producing about 7-1/2 liters daily will cost the Colombian farmer about $250 to $300.

Present Status of Dairy Cattle Industry: As reported by Colombian dairy breed officials, Colombia's dairy cattle situation is as follows (in order of numerical importance of breeds):

(1) Holstein--demand growing; (2) Norman--imported 65 years ago . . . numbers decreasing now because their short lactation period will not let the breed compete in today's market; (3) Red Polls--come from United Kingdom and Canada; (4) Brown Swiss--demand growing; (5) Guernsey--demand steady but limited.

Milk Prices: Milk prices are high in the cities. The price per liter is equal to 1 hour's work at minimum wages. However, there is increasing demand for milk. One plant is now buying milk on a butterfat basis, paying extra for milk with more than 3 percent butterfat. For every 0.1 percent fat over 3 percent they pay a premium, which means that 4-percent brings a premium of 1-1/2 centavos per 750 cc. bottle, or about 2 centavos (U. S. 1/4 cent) per liter.

Artificial Insemination Popular: Artificial insemination is well established and growing rapidly. The Rockefeller Foundation has a very well-run center with a battery of impressive looking bulls. This center has Holsteins, Brown Swiss, and Red Poll bulls in service.

GUATEMALA

Guatemala's economy is strong enough to maintain a quetzal exchange rate of 1:1 to the U. S. dollar, yet 90 percent of the population is reported to be very poor.

Importers of dairy cattle must pay 8 percent on borrowed capital and settle for short-term loans, if they can meet the credit requirements--which are said to be so exacting that only the wealthy can qualify. (Long-term financing of 5 to 6 years at lower interest rates would stimulate Guatemalan imports.)

However, there are customers in Guatemala for all five major U. S. dairy breeds, in the following order of preference: Holstein, Brown Swiss, Guernsey, Jersey, and Ayrshire. Imports should run from 150 to 200 head in the next 12 months, but expansion of this market is unlikely at present because consumer purchasing power prohibits volume demand.

High Cost of Milk Production Discouraging Factor: Because of the small output, costly distribution, and expensive machinery, the spread between the price the farmer gets per liter and the retail delivered price for pasteurized milk is about 6 U. S. cents per quart. This is an unusually high spread for Latin American countries.

No Great Increase in Milk Consumption in Sight: The price of pasteurized milk in Guatemala City is equal to 2 hours' work at minimum wages. As this is equivalent to $2 per quart for milk in the United States, it is obvious why consumption is low.

To increase consumption, even with a good quality product and plenty of advertising, would appear to be difficult at this time. There is a general lack of confidence in milk in Guatemala City, according to officials of a large dairy plant. (Ironically, consumption of Coca Cola is reported to be greater than that of milk in Guatemala City, even though Coca Cola costs 20 percent more per liter than pasteurized milk.)

One dairyman believed that improved production through imported sires and dams would only lead to a surplus of better quality milk. This was the only country surveyed where such a sentiment was expressed. However, as the market for high-priced milk is limited by the generally low income of the population, this point of view can be understood.

Milk Prices Controlled: Milk appears to be the only food still under official price controls. They were put on in 1946 to control postwar inflation, and it has not been politically expedient to remove them. This fixed price discourages larger imports of dairy breeding cattle, and the low purchasing power of the population makes it impracticable to raise prices any higher than they now are.

HONDURAS

Honduras has applied for an Export-Import Bank loan that calls for imports of dairy cattle.

Export-Import Bank Loan of Long Term Value: The first effects of this loan would probably be noticeable within a year. Over a year's planning has gone into the negotiation. The supervision, preparation, and handling of shipments have been carefully worked out to guarantee the health of the imported animals, and the best economic use of them. U. S. breeders can be sure that if they send good animals to Honduras they will have every chance to make good in their new surroundings.

Competition: Competition in this market has been mainly from Cuba, which has sold its cattle on 6 to 10-year credit at 8-percent interest. While Cuban cattle are said to have been higher priced than U. S. animals of comparable quality, the credit terms have made them more attractive. The Export-Import loan will therefore be of tremendous help in meeting this competition.

Economic Considerations: The economy of Honduras has been stable for some time, as evidenced by the fact that the exchange rate has been steady at 2 limpiras to $1 U. S. However, there is a milk shortage, and as a result, the price is high. The real price, in terms of minimum wages, is 2 hours' work for a liter of milk.

New Feed-Producing Plant Planned: The present shortage of protein for dairy animals is expected to be overcome within the next 12 to 18 months, as a new cottonseed-crushing plant is planned. The plant will turn out cottonseed cake in connection with a newly installed cotton gin.

MEXICO

Mexico is the largest market for U. S. dairy cattle at this time, largely due to Export-Import Bank loans. Purchases financed under these loans are expected to amount to $4 million between September 1 and the last of November 1958.

With conscientious servicing, Mexico should continue to be a receptive, active market for U. S. animals. There is a known immediate demand for milking Shorthorns, Holstein heifers, and a number of Guernseys and Jerseys. High-fat breeds are popular.

Economic Situation Generally Favors Market Potentials: Mexico's strong economic position, achieved over many peaceful years, is evidenced by the stability of its exchange rate. But the greatest immediate stimulus to dairy cattle imports in the past 2 years has been provided by two Export-Import Bank loans of $5 million each. Between September 1 and November 30, 1958, Mexican breeders propose to spend the $4,000,000-balance of this loan. They have more than quadrupled U. S. exports over prior years, and have at the same time tended to stimulate privately financed imports.

Milk Prices High, With Emphasis on Butterfat: The price of milk in Mexico City is equal to 1 hour's work at the minimum wage-rate level. So here again is a country where milk is priced out of reach of the low-income groups, just as it would be in the United States at the $1-per-quart equivalent. But volume demand for dairy cattle is still much greater, now and potentially, than in other Latin American countries.

Mexico is the logical area to "push" high-fat breeds. The wholesale market price of Jersey milk in the Celaya area near Guanajuato is 21 percent higher than milk from competitive dairy breeds. The average production per cow, based on milk sent to the cooperative dairy, shows the Jerseys averaging within 1 liter per day of competitive breeds. This means a cash-income difference of 69 centavos (U. S. 6 cents) per day in favor of the Jerseys. (There are reportedly 2,000 animals of predominantly Jersey blood within a 100-mile radius of Celaya.)

Competition: There is increasingly keen competition in this lucrative market. To meet it, U. S. breeders, exporters, government representatives, and others concerned should:

Supply top-quality animals at fair prices.

Maintain courteous personal and public relations with Mexican buyers.

Handle legitimate complaints quickly and fairly.

Follow up sales; an apparent lack of interest does not invite further business.

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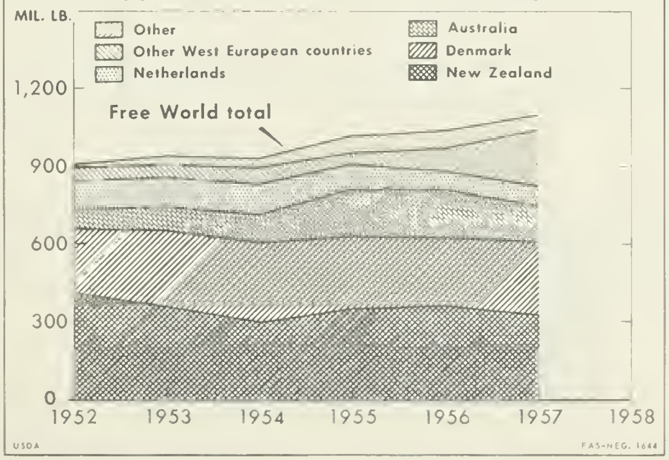
1957 WORLD TRADE IN DAIRY PRODUCTS

SHOWS MODERATE GAIN OVER 1956

World trade in dairy products in 1957 showed a moderate gain over 1956. [1] A substantial increase in the volume of butter trade was largely responsible for the increase. Trade in dried milk was up slightly, but exports of other products--cheese and canned milk--were down from their 1956 levels.

Despite a substantially lower volume of exports from New Zealand and Australia, butter exports were up 6 percent. Continued high-level price supports for milk in most of Europe contributed to sizable gains in European milk production and output of dairy products. Several countries in this area, which in recent years have been net importers of butter, were sizable net exporters in 1957. The United Kingdom and West Germany continued to be the major butter importers.

The pattern of trade in canned milk was unchanged, with Asian countries receiving the bulk of canned milk shipments. The United Kingdom and Venezuela continued to be the top market outlets for dried milk.



Small suppliers increase world butter exports

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[1] This circular is based on data from 75 reporting countries, and excludes U. S. donations under Public Law 480.

Indications for 1958

The volume of dairy products entering world trade will remain high in 1958. Butter exports from New Zealand and some European countries will be higher than last year. The United Kingdom will import substantially more butter, while West Germany will import much less butter, but probably more cheese.

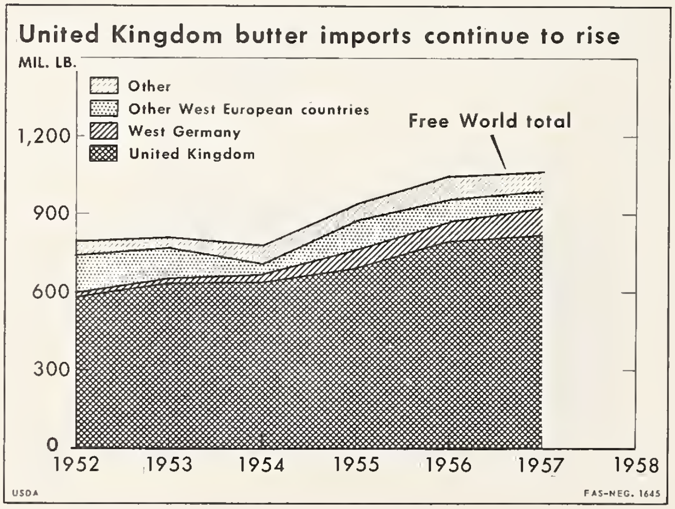
Commercial shipments of canned milk will probably continue their downtrend. Exports of dried milk will be about the same as in 1957.

Butter

Shipments of butter in world trade channels during 1957 came to nearly 1.1 billion pounds, a gain of about 6 percent over the high export level of 1956. This is the third consecutive year that world export trade in butter has shown a substantial gain.

The gain in 1957 is particularly significant because two unusual features affected the market during the season: (1) Total shipments of butter from traditional major exporting countries were down 10 percent, but this decline was more than offset by substantially larger shipments from minor exporting countries of Europe; and (2) the market for butter tended to become more concentrated in two countries, the United Kingdom and West Germany (see chart).

The decline in shipments from major exporting countries was largely attributable to drought-reduced export availabilities in Australia, and to limited outlets for New Zealand's increased exportable surplus. The high level of price supports for milk in many European countries during recent years has stimulated output of milk and dairy products. Thus, countries which had previously been sizable net importers had, by 1957, increased their output of milk to such an extent that surpluses of butter were a general problem. In many instances, export subsidies were used to move heavy surpluses.



United Kingdom butter imports continue to rise

USDA FAS-NEG. 1645

Exports from New Zealand and Australia, first and third-ranking exporters of butter, were down from their 1956 levels 10 and 25 percent, respectively. Exports from Denmark and the Netherlands were somewhat higher than in 1956, but well below the postwar average. Exports from marginal surplus producing countries in Europe--mainly France, Finland, Sweden, Ireland, and Austria--were up substantially in 1957.

Imports into the United Kingdom totaled 819 million pounds, up 3 percent from 1956. This was a postwar record and 77 percent of total "free world" imports. Because of substantially lower retail butter prices, total disappearance of butter in the United Kingdom in 1957 was up about 14 percent. New Zealand and Australia continued to be the major suppliers, but other countries provided about 45 percent of total imports, compared with only 35 percent in 1956.

Butter imports into West Germany were also at a postwar high, up 33 percent from 1956. Denmark, Sweden, and the Netherlands were the principal suppliers.

Cheese

International trade in cheese during 1957 amounted to 832 million pounds. This was a slight decline from the 1956 level, but 5 percent above the 1951-55 average. With the exception of Denmark, cheese shipments from other major traditional producers were significantly lower. Exports from New Zealand and the Netherlands, first and second-ranking cheese exporters in 1957, were down 3 and 5 percent, respectively, from 1956 shipments.

Drought in the main milk-producing areas of Australia was reflected in a drop of 24 percent in that country's cheese exports. Other countries with significantly lower commercial exports were Switzerland, the United States, and Canada. U. S. exports were off about 25 percent from the 1956 level.

Because of a substantial gain in milk production and proximity to the West German market, Denmark's cheese exports were up 9 percent from the previous year. West Germany took about 55 percent of Denmark's cheese exports in 1957.

France reported the largest gain in cheese exports. With exports totaling 58 million pounds, up 29 percent from the previous year, France was the fourth-ranking cheese exporter in 1957.

Cheese imports into the United Kingdom in 1957 were down 9 percent from 1956. This decline was largely attributable to a 14-percent increase in domestic output of cheese. West Germany, the second largest cheese-importing country, increased its imports to 183 million pounds, 14 percent more than in the previous year.

Canned milk

World trade in canned milk totaled 1,024 million pounds in 1957, down 2 percent from the previous year but 13 percent above the 1951-55 average. Shipments from

BUTTER AND CHEESE: International trade in specified countries, average 1951-55, annual 1956, and preliminary 1957

Continent and country	Butter 1/						Cheese					
	Average 1951-55		1956		1957		Average 1951-55		1956		1957	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
North America:												
Barbados	790	—	1,065	—	2/ 1,004	—	468	—	2/ 750	—	542	—
British Honduras	158	—	80	—	136	—	204	—	192	—	290	—
Canada	4,415	1,829	4	2,115	41	4	9,530	13,584	9,001	12,216	9,419	8,456
Costa Rica	3/ 2	4/	1	—	4/	—	217	2	156	20	146	2
Cuba	1,229	—	1,493	—	1,237	—	2,803	—	2,321	—	2,013	—
Dominican Republic	37	—	5/ 70	—	5/ 36	—	245	4	5/ 330	—	2/ 269	—
El Salvador	128	4	128	—	5/ 104	—	593	14	805	—	898	—
Guatemala	9	4/	40	—	5/ 25	—	157	36	532	—	599	—
Honduras 6/	32	15	406	2	28	—	51	557	506	462	292	5/ 500
Jamaica	1,695	—	2,794	—	3,239	—	1,185	—	2,587	—	3,137	—
Mexico 7/	280	36	15	—	99	—	1,541	6	1,276	1	902	3
Netherlands Antilles	3/ 1,644	—	1,706	—	5/ 1,100	—	3/ 1,411	—	1,586	—	1,297	—
Nicaragua	1	103	3/	75	63	—	14	125	24	5/ 147	8/	75
Panama	1,351	—	1,471	—	2,185	—	707	—	1,189	—	1,018	—
Trinidad and Tobago	2,233	4/	2,668	—	2/ 1,825	—	1,668	—	1,933	—	1,868	—
United States	469	6,844	810	17,418	749	8,292	52,132	23,528	53,717	19,801	50,876	14,948
South America:												
Argentina	—	23,267	—	36,749	—	34,645	—	7,129	—	7,971	—	5,750
Brazil	657	—	225	—	8/	—	98	—	2,067	—	8/	—
British Guiana	809	—	748	—	408	—	678	—	908	—	749	—
Chile	2,134	—	571	—	2,402	—	33	—	35	—	394	—
Colombia	38	—	2/ 70	—	—	—	150	—	510	—	—	—
Ecuador	14	—	70	—	8/	—	17	—	34	—	—	—
Peru	2,951	—	4,300	—	4,728	—	1,187	5	1,775	8/	2,217	—
Surinam	458	—	2/ 350	—	2/ 522	—	466	—	500	—	573	—
Venezuela	3,171	—	1,360	—	9/ 3,402	—	9,714	—	13,683	—	15,466	—
Europe:												
Austria	1,615	1,317	2,077	1,731	6	19,396	2,820	3,232	3,170	6,189	3,673	9,224
Belgium	33,920	348	12,829	33	5/ 13,320	—	72,361	815	77,712	1,437	5/ 78,530	765
Denmark	—	291,378	—	266,069	—	283,578	666	119,425	338	127,409	516	138,237
Finland	6,826	3,594	1,515	24,262	8/	55,556	4/	22,544	—	27,522	—	29,059
France	24,903	8,450	37,782	10,460	1,404	22,346	30,313	39,719	27,282	44,648	23,572	57,531
Germany, Fed. Rep. of	3/ 39,813	—	76,246	62	102,125	1,419	114,152	9,879	159,031	13,648	182,249	14,927
Greece	2,054	4/	128	—	745	—	8,161	74	6,314	602	10,062	8/
Ireland	7,027	2,524	4/	1,579	—	35,377	390	1,189	188	728	214	138
Italy	21,665	31	11,214	84	36,107	141	41,793	38,135	38,682	50,383	32,739	49,374
Maltese Islands	934	—	1,188	—	2/ 1,200	—	2,243	—	2,098	—	2/ 1,950	—
Netherlands	67	111,636	79	69,571	20	79,866	744	184,232	1,078	200,369	1,367	188,970
Norway	4/	5,817	—	9,405	—	16,124	677	3,817	308	8,238	333	14,266
Portugal	47	1,220	2,202	1,075	—	—	58	1,013	93	1,363	—	—
Spain	9	42	8/	8/	8/	8/	1,051	498	4,720	15	8/	8/
Sweden	4/	30,709	—	37,044	64	64,356	8,288	7,183	10,972	6,978	11,503	6,695
Switzerland	10,691	2	13,490	2	15,129	1	5,821	44,268	10,251	53,750	11,183	52,494
United Kingdom	644,215	495	793,209	437	819,048	210	331,629	1,965	301,191	3,546	276,864	6,653
Yugoslavia	5,443	54	2,137	66	2,205	8/	250	2,107	8,090	3,206	9,683	5,412

Asia:												
Burma	346	—	239	—	2/ 600	—	3/ 75	—	60	—	1/ 50	—
Ceylon	2,439	—	2,685	—	2,423	—	515	—	512	—	486	—
Cyprus	371	—	788	—	748	—	444	929	905	577	1,078	479
Hong Kong	1,634	—	1,855	—	1,896	—	3/ 340	—	378	—	426	—
India	1,645	4	1,594	17	5/ 600	—	1,061	2/	1,270	—	3/ 800	—
Indonesia	375	—	121	—	5/ 400	—	667	—	1,442	—	3/ 1,100	—
Israel	8,132	—	11,786	—	2/ 400	—	3,733	7	4,899	21	2/ 3,600	—
Japan	830	2	447	—	575	—	1,564	2	1,439	—	1,388	—
Lebanon	1,481	3/ 18	4,357	86	5,086	150	4,500	116	7,009	146	6,574	214
Malaya and Singapore	5,047	—	7,008	—	6,579	—	778	—	1,096	—	1,057	—
Pakistan	3/ 139	—	5,529	—	5,997	—	3/ 114	—	45	—	42	—
Philippines, Rep. of	1,455	—	2,049	—	3,954	—	2,397	—	2,802	—	2,375	—
Sarawak	166	—	214	—	133	—	14	—	24	—	21	—
Syria	96	2,303	479	3,157	71	3,892	510	2,364	919	3,935	115	—
Taiwan	225	—	224	—	2/ 30	—	3/ 12	—	92	—	8/	—
Thailand	3/ 219	—	337	—	398	—	3/ 117	—	84	—	97	—
Africa:												
Algeria	7,912	56	11,182	27	4,344	—	23,166	155	29,837	238	29,364	—
Belgian Congo	2,588	—	3,978	—	3,925	—	1,549	—	2,257	—	2,369	—
Egypt	52	3,499	250	53	19	42	14,348	319	4,669	855	2,917	1,192
Rhodesia and Nyasaland, Fed. of	3/ 4,587	3/ 86	4,526	90	2,893	—	3/ 798	—	433	—	8/	—
French Cameroons	3/ 309	—	392	—	—	—	3/ 467	—	505	—	8/	—
French Equitorial Africa	3/ 483	1,080	8/	604	116	351	—	—	—	—	274	—
French West Africa	1,540	—	1,800	—	2,069	—	2,034	—	2,800	—	2,980	—
Ghana	488	—	657	—	530	—	298	—	612	—	491	—
Kenya	30	2,353	34	4,242	—	3,481	48	27	50	—	—	—
Liberia	3/ 130	—	150	—	5/ 120	—	3/ 55	—	66	—	5/ 1,308	—
Morocco	6,432	4	6,839	—	5/ 5,700	—	8,376	1	10,421	2,707	5/ 10,200	—
Nigeria	202	27	356	43	390	—	199	—	304	—	377	—
Sierra Leone	154	—	235	—	2/ 270	—	76	—	159	—	2/ 120	—
Sudan	567	1	319	—	5/ 114	—	236	2	229	—	5/ 173	—
Tunisia	1,852	3/ 5	2,116	8	2/ 2,300	6	3,218	379	4,028	262	2/ 3,276	160
Union of South Africa	4,752	2,809	—	3,377	—	7,345	3/ 349	1,185	100	9	—	—
Oceania												
Australia	—	107,086	—	184,682	—	138,590	3/ 1,100	48,871	1,208	42,268	1,272	31,942
New Zealand	4/	348,925	—	358,084	—	322,019	3/ 22	212,150	8/	200,005	8/	194,398
Grand total	879,955	957,973	1,043,087	1,037,709	1,067,386	1,097,187	779,951	791,858	826,522	841,672	811,733	831,864

1/ Includes butter equivalent of butter oil and ghee.
2/ Derived data.
3/ Less than a 5-year average.
4/ Less than 500 pounds.
5/ Estimate based on data for 11 months or less.
6/ Year ending in June of year shown.
7/ Includes butter substitutes prior to 1956.
8/ Not available.
9/ Includes imports of plastic cream used for making butter.

CANNED AND DRIED MILK: International trade in specified countries, average 1951-55, annual 1956, and preliminary 1957

Continent and country	Canned milk 1/						Dried milk 2/					
	Average 1951-55		1956		1957		Average 1951-55		1956		1957	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
North America:												
Barbados	3/ 4,188	—	4/ 4,600	—	4/ 4,803	—	478	—	350	—	196	—
British Honduras	2,595	—	2,953	—	2,927	—	216	—	256	—	358	—
Canada	31	17,821	52	8,894	45	5,331	318	27,600	3,300	23,151	10,078	16,435
Costa Rica	2,280	—	1,626	—	1,719	—	2,015	—	3,066	—	3,585	—
Cuba	44,144	—	33,223	—	28,384	—	1,402	—	765	—	836	—
El Salvador	712	5/ 34	923	—	976	—	2,697	—	4,431	—	6/ 4,400	—
Guatemala	1,092	—	1,589	—	1,627	—	2,898	—	3,133	—	950	—
Honduras	418	—	930	—	355	—	7/	—	1,668	—	794	—
Jamaica	3,390	202	4/ 11,400	—	7/	—	7/	—	7/	—	7/	—
Mexico	17,670	5/ 23	18,488	5/ 49	13,936	—	11,718	—	13,486	—	14,506	—
Netherlands Antilles	6,627	—	7,763	—	4/ 5,582	—	1,855	—	2,560	—	4/ 1,514	—
Nicaragua	504	—	502	—	7/	—	279	—	355	—	7/	—
Panama	1,504	—	2	—	1,807	—	1,854	—	1,590	—	629	—
Trinidad and Tobago	14,423	—	14,147	—	11,336	—	3,273	—	5,319	—	4,383	—
United States	111	161,358	6	209,952	—	202,256	1,131	8/ 179,745	1,426	96,280	1,702	104,367
South America:												
Argentina	—	452	—	269	—	—	—	920	—	736	—	64
Bolivia	5,480	—	4,145	—	7/	—	4,304	—	5,725	—	7/	—
Brazil	5	1	7	—	7/	7/	9,790	2	3,477	—	7/	—
British Guiana	5,222	—	9,034	—	7,735	—	568	—	785	—	600	—
Chile	760	—	2	—	123	—	6,018	—	1,271	—	2,667	—
Colombia	2,764	—	2,870	—	—	—	—	—	—	—	—	—
Ecuador	752	—	82	—	184	—	2,015	—	4/ 167	—	—	—
Peru	13,567	—	11,977	—	24,515	—	2,865	—	3,841	—	3,188	—
Surinam	705	—	7/	—	1,548	—	230	—	7/	—	7/	—
Venezuela	7/	—	7/	—	4/ 4,948	—	9/ 75,849	—	9/ 83,595	—	4/ 67,737	—
Europe:												
Austria	653	—	994	9	—	—	1,452	—	8,646	—	40	4,354
Belgium	34,701	597	16,457	304	124	—	19,778	14,123	21,955	22,383	—	—
Denmark	1	81,341	1	56,011	—	68,166	197	25,281	1	38,492	—	53,847
Finland	5/ 591	—	5/ 326	—	452	5,465	—	—	—	—	—	—
France	2,259	32,858	1,560	28,620	2,107	49,427	6,954	4,522	12,992	3,536	6,367	9,030
Germany, Fed. Rep. of	10/ 8,766	10/ 12,708	10/ 17,582	10/ 6,801	10/ 31,637	10/ 1,268	—	—	—	—	—	—
Greece	25,430	—	23,415	—	31,076	—	4,639	—	7,211	—	8,732	—
Ireland	—	14,817	—	928	—	301	3,032	4,469	—	8,006	—	8,294
Italy	10/ 1,785	10/ 179	10/ 1,297	10/ 43	506	170	—	—	—	—	—	—
Maltese Islands	13,490	—	15,500	—	4/ 12,000	—	421	—	106	—	7/	—
Netherlands	326	447,468	679	558,033	3,093	507,043	7,133	67,273	14,661	86,727	46,903	79,242
Norway	11/	563	—	486	2	—	21	10	2	—	—	—
Spain	119	1,026	2,185	—	6/ 1,500	—	45	274	8,424	7/	6/ 50	—
Sweden	1	2,218	18	3,188	12	4,251	6	8,295	600	6,844	740	2,926
Switzerland	3,137	8,814	7,616	11,019	7,483	10,043	3,917	7,287	4,311	11,418	5,123	12,618
United Kingdom	57,695	34,768	2,817	84,411	2,926	104,239	96,712	5,407	114,563	4,564	115,620	24,183
Yugoslavia	—	—	—	—	—	—	4,546	—	21,571	—	35,274	—

Asia:												
Burma	3/ 28,885	—	33,381	—	4/ 40,000	—	3/ 397	—	1,687	—	4/ 3,500	—
Ceylon	3/ 11,732	—	12,445	—	15,902	—	3/ 2,785	—	2,908	—	13,893	—
Cyprus	2,950	—	5,421	—	6,407	—	107	—	574	—	488	—
Hong Kong	3/ 18,895	—	25,570	—	23,276	—	3/ 3,453	—	2,680	—	2,881	—
India	12,541	—	11,557	—	6/ 24,000	—	43,817	—	28,375	—	18,675	—
Indonesia	20,338	—	76,734	—	6/ 28,000	—	6,161	—	9,345	—	6/ 13,864	—
Israel	166	—	—	—	4/ 120	—	20,985	—	920	—	4/ 3,261	—
Japan	1,414	415	282	114	115	95	26,175	286	2,202	448	3,214	134
Lebanon	1,119	3/ 18	1,876	—	7/	7/	3/ 200	—	234	—	7/	—
Malaya and Singapore	125,212	—	154,262	—	138,612	—	4,146	—	6,502	—	6,823	—
Pakistan	4,276	—	598	—	2,568	—	1,236	—	4,099	—	6,969	—
Philippines, Rep. of	134,602	—	191,533	—	186,786	—	6,801	—	8,501	—	16,479	—
Sarawak	6,990	—	5,402	—	5,388	—	158	—	1,146	—	218	—
Taiwan	4,672	—	2,022	—	4/ 3,200	—	1,842	—	1,784	—	4/ 4,000	—
Thailand	71,441	—	79,599	—	85,935	—	1,555	—	1,250	—	2,280	—
Turkey	21	57	3	—	4/ 10	—	71	—	45	—	4/ 100	—
Africa:												
Algeria	16,277	89	23,936	—	25,011	—	2,529	—	1,202	—	452	—
Belgian Congo	2,504	—	3,027	—	3,907	—	4,192	—	5,810	—	6,344	—
Egypt	1,975	—	1,575	—	1,564	—	8,720	—	1,559	—	1,773	—
Rhodesia and Nyasaland, Fed. of	4/ 4,730	—	5,060	—	5,721	—	3/ 2,036	—	2,640	—	1,706	—
French Cameroons	4/ 2,937	—	3,719	—	7/	—	—	—	—	—	—	—
French West Africa	10/ 10,381	—	3,064	—	8,944	—	—	—	417	—	628	—
Ghana	7,633	—	10,298	—	12,656	—	7,633	—	366	—	416	—
Kenya	1,761	6	5,148	—	6/ 5,038	—	378	—	—	—	—	—
Liberia	4/ 915	—	1,109	—	1,300	—	3/ 88	—	4	—	—	—
Morocco	9,480	1	18,870	2	562	—	1,692	—	2,501	—	326	—
Nigeria	5,883	—	10,428	—	6/ 8,700	—	308	—	603	—	6/ 940	—
Sierra Leone	1,291	—	2,950	—	4/ 2,300	—	110	—	202	—	195	—
Sudan	47	—	49	—	7/	—	425	—	721	—	1,129	—
Tunisia	10/ 5,626	—	10/ 7,822	41	4,452	1	—	—	—	—	—	—
Union of South Africa	541	2,767	333	—	1,615	—	211	—	245	—	6/ 119	—
Oceania:												
Australia	—	66,910	—	67,460	—	56,016	—	50,311	—	70,513	—	53,145
New Zealand	1	20,129	—	9,710	—	6/ 10,105	3/ 5	96,758	—	88,146	—	117,031
Grand total	795,134	907,640	914,841	1,046,344	841,816	1,024,177	428,842	492,563	470,231	460,508	445,435	485,670

1/ Condensed and evaporated milk.
2/ Dried whole and nonfat dried milk, unless otherwise indicated.
3/ Less than a 5-year average
4/ Derived data.
5/ Includes dry milk.
6/ Annual estimate based on data for 11 months or less.
7/ Not available.
8/ Includes donations.
9/ Conserved milk; includes some canned milk.
10/ Processed milk; includes some dry milk.
11/ Less than 500 pounds.

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both the Netherlands and the United States, traditionally the leading exporters of canned milk, were down.

Although Dutch exports were down 9 percent from record 1956 shipments, they were still 13 percent above the 1951-55 average. All of the decline in Dutch exports was due to reduced shipments of condensed milk. Exports of evaporated milk were slightly higher than in 1956. Exports from the United States were down 4 percent from 1956 but, likewise, were 13 percent above the recent postwar average.

The United Kingdom, with exports of 104 million pounds (up 24 percent from 1956) was again the third-largest exporter of canned milk. Shipments from other exporting countries, mainly France, showed a gain of 23 percent.

Asia continued to be the principal outlet for canned milk, taking two-thirds of all canned milk exports in 1957. Principal importing countries were the Philippines, Malaya and Singapore, Thailand, and Burma.

Dried milk

World trade in dried milk totaled 486 million pounds in 1957. This was about 5 percent above the level of dried milk trade in 1956. United States exports, exclusive of shipments for relief and charity and government-to-government sales for school lunch and other restricted uses, amounted to 104 million pounds in 1957, up 8 percent from comparable shipments in 1956. Canadian shipments of dried milk were down 30 percent from the previous year.

Imports into the United Kingdom in 1957 totaled 116 million pounds, practically unchanged from the previous year. Venezuela's imports of dried milk totaled about 68 million pounds (mostly dry whole) in 1957, up sharply from 1956.

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WORLD OUTPUT OF DAIRY PRODUCTS,

FIRST QUARTER, 1958

Overall factory output of dairy products during the first 3 months of 1958 was well above the corresponding period of 1957. Butter, cheese and dried milk products increased substantially over the earlier year, but canned milk production dropped sharply.

Conditions were variable in the Southern Hemisphere. Generally dry weather curtailed milk production in Australia, while more favorable weather conditions in New Zealand benefited milk production. In many of the dairy countries of Western Europe, milk production was up.

Finland reported a decline, Sweden reported no change from comparable 1957. In Canada, milk production throughout the quarter exceeded that of the earlier year, but was unchanged in the United States.

Factory butter production during the January-March quarter of 1958 rose 8 percent compared with the same quarter of 1957. In France, pastures and feed supplies were good and milk production was up. Much of the increase went into butter. Feed concentrates and roughages were plentiful in West Germany. The larger quantities of milk for manufacturing were used principally for butter production. In the Netherlands, milk production was considerably higher, reflected in higher deliveries to plants. In line with this increase, output of butter was well above that of a year ago.

(Continued from page 11)

FACTORY DAIRY PRODUCTS: Output in principal producing and exporting countries, Jan.-Mar., 1958 (Preliminary) with comparisons

Country and Product	Average 1934 - 38	Average 1946 - 50	Total 1957	1957 Jan. - Mar.	1957 Apr. - June	1957 July - Sept.	1957 Oct. - Dec.	1958 Jan. - Mar.	Jan.-Mar., 1958 compared with Jan.-Mar., 1957
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	percent
BUTTER									
Canada	1/254,774	277,868	305,562	29,175	96,152	117,082	63,153	37,815	130
United States	1,705,240	1,301,830	1,421,740	351,765	441,935	327,400	300,640	359,925	102
Belgium	46,179	55,353	106,118	-	-	-	-	-	-
Denmark	400,660	318,697	383,600	83,554	115,080	101,852	83,114	83,334	100
Finland	61,287	2/61,215	158,921	33,363	47,597	46,700	31,261	32,258	97
France 3/	220,000	-	624,000	99,500	152,000	154,300	218,200	110,200	111
Germany, West	4/5/560,000	492,188	685,392	134,505	196,416	192,896	161,575	179,908	134
Ireland	89,400	68,648	109,458	6,596	38,401	44,577	19,884	7,661	116
Netherlands	201,000	155,620	167,770	6/22,582	53,572	54,894	6/36,722	35,430	157
Norway	24,930	20,049	34,603	7,406	14,895	9,225	3,077	-	-
Sweden	152,769	216,442	193,399	36,301	58,261	60,845	37,992	38,920	107
Switzerland 7/	57,760	36,949	8/63,052	12,335	20,386	17,578	11,635	-	-
United Kingdom	44,200	23,529	76,272	9,856	32,256	18,592	15,568	3/18,800	191
Argentina	65,742	100,657	6/124,573	41,506	28,089	6/19,394	6/35,584	41,226	99
Union of South Africa	9/27,725	44,845	85,371	26,384	17,114	15,376	26,497	-	-
Australia	5/415,250	354,371	397,069	117,884	54,042	79,917	145,226	105,130	89
New Zealand	5/366,912	346,095	6/472,233	6/132,884	6/43,107	94,398	201,844	142,648	107
CHEESE									
Canada 10/	1/119,924	114,329	95,635	7,059	32,512	38,865	17,199	7,368	104
United States	643,234	1,156,005	1,408,785	312,830	452,795	356,730	286,430	311,470	100
Denmark	68,820	123,634	215,830	42,770	70,547	59,083	43,430	48,501	113
France 3/	11/	11/	705,500	99,400	168,000	176,400	261,700	176,400	177
Italy 12/	523,513	491,326	740,746	-	-	-	-	-	-
Netherlands	3/200,000	176,926	357,145	6/47,633	123,016	112,655	6/73,841	64,903	136
Norway 13/	39,067	35,564	67,899	13,230	23,470	20,251	10,948	-	-
Sweden	76,059	115,005	115,060	23,283	39,955	33,233	18,589	21,559	93
Switzerland 13/	111,729	107,232	8/139,772	20,584	40,483	43,671	25,935	-	-
United Kingdom 7/	109,000	69,888	6/255,472	55,328	82,432	6/62,944	6/54,768	3/55,500	100
Argentina	67,873	203,830	260,418	68,803	60,873	6/55,140	75,602	81,249	118
Union of South Africa	9/10,195	17,967	3/26,344	7,629	5,113	5,321	3/8,281	-	-
Australia	5/48,400	98,396	85,785	23,029	11,209	20,630	30,917	15,947	69
New Zealand	5/210,911	216,842	6/214,792	6/64,238	6/21,862	36,252	92,440	65,180	101

CANNED MILK									
Canada 14/	1/104,335	266,532	344,654	50,594	124,906	117,566	51,588	55,708	110
United States 15/	1,970,189	3,170,576	2,521,130	567,405	853,250	646,150	454,325	467,000	82
Cuba	16/32,564	36,655	86,978	-	-	-	-	-	-
Denmark	40,785	58,701	-	-	-	-	-	-	-
France	17/28,953	16/57,984	3/130,100	3/26,500	3/27,300	3/28,200	3/48,100	3/27,100	102
Germany, West	11/	11/	625,198	96,722	215,541	187,090	125,845	136,665	141
Netherlands	309,952	181,222	619,272	136,685	186,730	164,463	131,394	-	-
Switzerland	14,198	13,031	-	-	-	-	-	-	-
United Kingdom	378,560	219,914	407,904	96,320	176,960	71,232	63,392	3/71,200	74
Argentina	18/3,159	16/11,914	6/22,780	5,829	6/4,810	5,597	6,544	7,804	134
Australia	5/41,894	132,745	156,798	6/41,464	19,428	6/31,162	6/64,744	36,696	88
New Zealand	5/16/11,273	-	-	-	-	-	-	-	-
DRIED MILK 19/									
Canada 20/	1/26,079	72,686	142,885	11,601	42,551	51,770	36,963	22,412	193
United States 21/	1/637,407	1,704,061	1,805,810	437,750	622,300	386,300	359,460	465,700	106
Belgium	5,500	6,607	55,465	2,870	21,857	3/24,521	3/6,217	-	-
Denmark	2,205	16,866	-	-	-	-	-	-	-
France	17/7,685	16/3,308	3/33,100	3/5,000	3/6,600	3/7,300	3/14,200	3/6,600	132
Germany, West	11/	11/	127,731	15,466	44,168	40,536	27,561	24,345	157
Netherlands	56,438	54,468	149,692	11,023	74,295	57,981	6,393	-	-
Sweden	1,351	24,566	39,147	7,099	13,528	12,981	5,539	7,493	106
Switzerland	7,187	10,847	-	-	-	-	-	-	-
United Kingdom	43,098	73,848	154,112	29,568	58,464	33,600	32,480	3/20,800	70
Argentina	18/3,977	16/14,070	6/23,538	7,401	6/4,223	6/3,677	6/8,237	7,870	106
Australia	5/16,691	54,235	102,030	6/26,204	13,059	6/23,128	39,639	22,785	87
New Zealand	22/17,429	-	-	-	-	-	-	-	-

1/ Average 1935-39. 2/ Average 1948-50. 3/ Estimated. 4/ Average 1935-38. 5/ Production year ending June 30. 6/ Revised. 7/ Total production. 8/ Annual production figures more complete than monthly figures used in quarterly data. 9/ Production year ending August 31. 10/ Cheddar cheese only. 11/ Not available. 12/ Total cheese, and includes cheese made from the milk of sheep and goats. 13/ Total cheese, and includes cheese made from the milk of goats. 14/ Both bulk and case goods. 15/ Evaporated whole and condensed whole case goods only. 16/ Less than a 5-year average. 17/ For 1937. 18/ For 1939. 19/ Dried whole milk and nonfat solids production. 20/ Approximately 1.8 to 2.0 million pounds of animal feed now being included in production data; animal feed production not available and not included for 1935-39 period. 21/ Includes dried milk for animal feeding. 22/ For 1938.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States Agricultural Attaches and Foreign Service officers, results of office research and other information.

In the United Kingdom, the supply of milk available to plants was much larger than a year earlier, that for butter being almost doubled. Butter production increased substantially in Ireland, Sweden, New Zealand and Canada.

Near-drought conditions during much of the quarter sharply reduced milk and butter production in Australia. Lower milk production in Finland was reflected in less butter production. Record cheese production in Denmark and an increase in fluid milk consumption, curtailed supplies for butter manufacturing, which, however, approximated that of comparable 1957.

Cheese production in factories in the first quarter, 1958, gained 14 percent. In Western Europe, output was higher than, or maintained at the 1957 level in all major-producing countries except Sweden where production continued to decline. Output was up in New Zealand, but down in Australia. More milk was used for factory products in Canada than a year earlier and cheese production increased. There was little change in output in the United States.

Production of canned milk dropped 9 percent below the 1957 level. France and West Germany were the only countries of Western Europe reporting heavier production in the first quarter. Considerably less milk was used by condenseries in Australia. Canned milk production in Canada was above a year earlier, although output of condensed milk dropped slightly. In the United States, production of both evaporated milk and condensed milk was down compared with a year earlier.

Dried milk production rose 7 percent in the first quarter of 1958. In West Germany, output of both types of dried milk increased. The gain in the production of nonfat dry milk accounted for the higher overall dried milk production in Sweden. In the United Kingdom dried milk production lagged well behind a year earlier. The larger output of dried whole milk in Australia was not sufficient to offset the sharp decline in nonfat dry milk, and overall production was considerably below 1957. Canada manufactured much larger quantities of both types of dried milk. Dried milk production in the United States exceeded that of the first quarter of the preceding year because of a substantial increase in the output of nonfat dry milk.

Current Conditions Abroad:

New Zealand: Cold, wet weather in May affected pasture growth, but production for the season is expected to run ahead of last year.

Denmark: Recent ample rainfalls have greatly improved pastures.

United Kingdom: Pasture growth has been slow, because of prolonged cold weather.

Canada: Most dairy cattle wintered well. Weather conditions are generally favorable to dairying.

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FD 7-58
July 17, 1958

WORLD 1957 BUTTER PRODUCTION SETS POSTWAR RECORD; CHEESE AT ALLTIME HIGH

Butter: World butter production in 1957 is estimated at 10.3 billion pounds, 4 percent above 1956, and the highest of any postwar year. Production has continued heavy in most countries in early 1958 and will probably again increase more than population.

Practically all of the increased butter output was in Europe, including the U. S. S. R. Russian factory production was reported at 1,369 million pounds in 1957, up 12 percent or 145 million pounds from 1956. In Western Europe, where output was up 6 percent, France showed the largest gain for an increase of 79 million pounds, 13 percent above the previous year. However, percentage increases were greater in the United Kingdom, up 27 percent, and Austria and Norway, each up 18 percent.

Ireland, Finland, Sweden, and Denmark all reported gains ranging from 5 to 10 percent. No European country reported appreciable declines in butter production, although output in the Netherlands, West Germany, and Belgium was about unchanged. Pastures in Europe were very good in 1957, feed was plentiful, and milk production was up. Lower consumption of fluid milk also contributed to higher butter output.

Butter production in Australia was down 13 percent because of drought, which has since been somewhat relieved. New Zealand's output was up only 3 percent in the year ended June 30, 1957, but has since risen more sharply. Argentina was the only other major producing country to report less butter (down 17 percent) in 1957. U. S. and Canadian output was about unchanged.

Indications for 1958 are for substantially more butter in Europe, particularly in the United Kingdom, the Netherlands, West Germany, France, and Ireland. Denmark and Finland may produce less butter in 1958. Butter production is up

Butter: Estimated world production, average 1950-54, and annual 1955-57 1/

Continent and Country	Average 1950-54	1955	1956	1957 2/
	Million pounds	Million pounds	Million pounds	Million pounds
North America:				
Canada	309	339	319	318
United States	1,546	1,549	1,559	1,559
Cuba 3/	4	5	5	6
Other North America 4/	20	20	22	25
Total North America	1,879	1,913	1,905	1,908
South America:				
Argentina 3/	112	126	145	121
Brazil 4/	100	110	110	110
Colombia	5/ 15	18	19	18
Peru	5/ 3	4/ 4	4/ 4	4/ 4
Uruguay 3/	6	8	9	4/ 9
Venezuela 3/	4	7	7	8
Other South America 4/	2	2	2	2
Total South America	242	275	296	272
Europe:				
Austria	62	68	74	87
Belgium	179	200	196	196
Denmark	377	362	364	384
Finland	132	134	162	173
France	587	644	626	705
Germany, West	676	719	737	752
Greece 6/	15	23	22	19
Ireland	119	129	141	155
Italy	131	143	136	132
Luxembourg 3/	5/ 9	10	11	4/ 11
Netherlands	183	162	169	168
Norway	38	34	39	46
Portugal 3/	5	5	5	6
Sweden	225	193	183	194
Switzerland	53	59	60	63
United Kingdom	48	52	74	94
Yugoslavia	20	4/ 29	36	37
Total of above European countries	2,859	2,966	3,035	3,222
Africa:				
Kenya 3/	8	11	4/ 11	4/ 11
Union of South Africa	73	86	92	93
Other Africa 4/ 7/	120	130	135	135
Total Africa 7/	201	227	238	239
Oceania:				
Australia	5/ 360	451	462	404
New Zealand	8/ 420	440	468	483
Other Oceania 4/	5	5	5	5
Total Oceania	785	896	935	892
Estimated World Total 7/ 9/	8,950	9,600	9,900	10,300

1/ Includes farm butter. 2/ Preliminary. 3/ Creamery butter only. 4/ Estimated. 5/ Less than a 5-year average. 6/ Made from the milk of cows, buffalos, sheep and goats. 7/ Includes product weight of ghee in those countries where ghee production is common, especially India, Turkey, Egypt and other Middle and Far Eastern countries. 8/ Years ending June 30. 9/Estimates include factory production for U.S.S.R. and estimates for other eastern Europe, and Asia, including China.

Foreign Agricultural Service. Prepared or estimated from official statistics, reports of agricultural attaches, and other U.S. representatives abroad, and other information.

Butter: Factory production in specified countries, average 1950-54, and annual 1955-57

Country	Average 1950-54	1955	1956	1957 1/
	Million pounds	Million pounds	Million pounds	Million pounds
Canada	285	320	305	306
United States	1,328	1,383	1,410	1,422
Cuba	4	5	5	6
Argentina	112	126	145	121
Brazil 2/	53	62	62	3/ 62
Uruguay	6	8	9	3/ 9
Venezuela	4	7	7	8
Austria	42	48	52	68
Belgium	82	99	102	106
Denmark	377	362	364	384
Finland	96	107	145	159
France	4/ 478	483	573	624
Germany, Federal Republic of	616	640	663	685
Ireland	79	84	96	109
Luxembourg	4/ 9	10	11	3/ 11
Netherlands	183	162	169	168
Norway	25	23	28	35
Portugal	5	5	5	6
Sweden	220	189	182	193
Switzerland	52	57	59	62
United Kingdom	30	34	56	76
Union of Soviet Socialist Republics	808	1,021	1,224	1,369
Kenya	8	11	3/ 11	3/ 11
Union of South Africa	65	78	84	85
Japan	9	16	17	21
Australia	4/ 349	444	455	397
New Zealand	5/ 407	427	455	470
Total of above countries	5,732	6,211	6,694	6,973

1/ Preliminary.
2/ Production in federally inspected plants only.
3/ Estimated
4/ Less than a 5-year average.
5/ Years ending June 30.

Foreign Agricultural Service. Prepared or estimated from official statistics, reports of agricultural attaches, and other U.S. representatives abroad, and other information.

Cheese: Total production in specified countries, average 1950-54, and annual 1955-57 1/

Country	Average 1950-54	1955	1956	1957 2/
	Million pounds	Million pounds	Million pounds	Million pounds
Canada	90	88	94	107
United States	1,250	1,367	1,387	1,409
Cuba 3/	5	5	6	6
Argentina 3/	223	281	275	264
Brazil	132	132	137	4/ 137
Uruguay	14	14	14	4/ 14
Austria	30	36	40	46
Belgium	19	24	20	22
Denmark	173	191	186	216
Finland	42	49	62	52
France 5/	632	661	705	860
Germany, West 3/	335	349	347	341
Greece 6/	4/ 134	4/ 176	168	142
Ireland 3/	5	6	6	6
Italy 5/	675	768	761	741
Netherlands	323	386	369	386
Norway 7/	65	66	74	70
Portugal 7/	3	4	5	6
Sweden	122	119	112	115
Switzerland 7/	122	133	133	140
United Kingdom	145	141	224	256
Union of South Africa	23	28	29	27
Australia	8/ 102	88	97	86
New Zealand	9/ 233	213	214	217
Total of above countries	4,897	5,325	5,465	5,666

1/ Whole milk cheese made from cows' milk, unless otherwise noted.
2/ Preliminary.
3/ Factory cheese only.
4/ Estimated.
5/ Includes goats' milk and sheep's milk cheese.
6/ Includes goats' milk, buffalos' milk and sheep's milk cheese.
7/ Includes goats' milk cheese.
8/ Less than a 5-year average.
9/ Years ending June 30.

Foreign Agricultural Service. Prepared or estimated from official statistics, reports of agricultural attaches, and other U.S. representatives abroad, and other information.

Cheese: Factory production in specified countries, average 1950-54, and annual 1955-57 1/

Country	Average 1950-54	1955	1956	1957 2/
	Million pounds	Million pounds	Million pounds	Million pounds
Canada	89	87	93	106
United States	1,250	1,367	1,387	1,409
Cuba	5	5	6	6
Argentina	223	281	275	264
Brazil 3/	63	75	80	4/ 80
Austria	25	33	37	43
Belgium	16	21	18	19
Denmark	173	191	186	216
Finland	42	49	62	52
Germany, West	335	349	347	341
Ireland	5	6	6	6
Netherlands	323	348	339	357
Norway 5/	63	64	72	68
Portugal 5/	3	4	5	6
Sweden	122	119	112	115
Switzerland 5/	113	124	124	131
United Kingdom	138	133	215	245
Union of South Africa	23	27	28	4/ 26
Australia	6/ 102	88	97	86
New Zealand	7/ 233	213	214	217
Total of above countries	3,346	3,584	3,703	3,793

1/ Whole milk cheese made from cows' milk, unless otherwise noted.
2/ Preliminary.
3/ Production in federally inspected plants only.
4/ Estimated.
5/ Includes goats' milk cheese.
6/ Less than a 5-year average.
7/ Years ending June 30.

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sharply in Canada, and continues heavy in New Zealand; but is currently slightly below the 1957 rate in the United States.

Compared with the average for 1950-54, butter production in 1957 was up sharply in the United Kingdom, the U. S. S. R., Yugoslavia, Austria, Finland, Ireland, and the Union of South Africa. On the other hand, output was either down or up only slightly from average in the Netherlands, Italy, Denmark, Canada, and the United States.

Cheese: Cheese production in 1957 in 24 major producing countries reached an alltime high of 5.7 billion pounds, nearly 4 percent above the previous record of 1956. World cheese production has been increasing steadily in recent years and probably will rise still more in 1958.

Production gains were fairly general in Europe for an overall increase of 6 percent. Output in France was up most at an increase of 155 million pounds, 22 percent above 1956. Denmark produced 30 million pounds or 16 percent more cheese in 1957. Output continued to rise rapidly in the United Kingdom for a 14-percent gain over the previous year; the 256 million pounds produced locally was almost half of Britain's total cheese consumption. Sizable percentage increases occurred also in Belgium, Austria, and Canada. Production of 1.4 billion pounds of all types of whole-milk cheese in the United States was a record--but less than 2 percent above 1956.

Cheese production in Greece was down 26 million pounds, or 15 percent, because of drought. Australian output was down 11 percent, or 11 million pounds, for the same reason. Production in Italy, Argentina, West Germany, and Finland also dropped somewhat.

Cheese output in Europe should again rise in 1958. However, cheese production in early 1958 has been smaller than last year in Canada, the United States, Australia, and New Zealand.

Compared with the 1950-54 average, cheese production in 1957 rose sharply in the United Kingdom, France, and Denmark. Smaller, but substantial, gains occurred in the Netherlands, Canada, and Argentina. Australia, New Zealand, and Sweden were the only important countries producing less cheese in 1957 than during the average for the period.

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FD 6-58
June 12, 1958

MILK PRODUCTION AND UTILIZATION IN PRINCIPAL PRODUCING COUNTRIES IN 1957

Production

Milk production in 18 primary producing countries increased 2 percent in 1957. Production of 370.3 billion pounds in 1957 in these countries compared with 363.6 billion pounds for 1956 and represented nearly 60 percent of total world output.

Production in Western Europe was up nearly 4 percent. France made the largest gain with an increase of 3 billion pounds, up 8 percent from 1956. Denmark, Ireland, and Austria were each up 5 percent, followed by Finland and Norway which had gains of 3 percent over 1956. Production in Italy was up less than 1 percent. Greece was the only European country reporting a decline in milk production. Australian output was down 9 percent due to drought, which has since been greatly relieved by general rains. New Zealand produced 2 percent less milk in the year ending June 30, 1957, but output has been up moderately in recent months. U.S. output rose less than 1 percent, the smallest gain in recent years.

Larger world milk production was attained despite somewhat fewer cows. Only the United Kingdom and Ireland reported significant increases in cow numbers in 1957, while the United States, Australia, and Norway had sharp declines. Abundant feed supplies, particularly from pastures, and especially in Europe, contributed to higher output per cow. Production per cow was up from 5 to 8 percent in Austria, Denmark, and France; Norway, Sweden, Switzerland, and Finland also showed good gains. There were declines in Australia, New Zealand, and Greece. Price support and stabilization programs effectively insulated producer prices from the price-depressing effects of heavy surplus production in the latter part of 1957.

COWS' MILK: Production and utilization in specified countries, 1957 (preliminary) and 1956

Country	Production			Utilization					
	Milk cows	Production per cow	Milk production	Fluid milk 1/	Butter	Cheese	Canned milk	Other uses 2/	Feed
	1,000 head	Pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1957:									
Canada	3/ 3,147	5,455	17,166	6,473	7,392	1,151	734	768	648
United States	20,510	6,162	126,381	60,200	31,630	13,947	6,182	11,454	2,968
Austria	1,158	5,236	6,063	2,370	1,896	380	6	220	1,191
Belgium	976	8,403	8,201	1,943	5,196	147	125	36	754
Denmark	1,446	8,126	11,750	1,649	7,661	1,351	4/	4/ 527	562
Finland	1,138	6,170	7,022	2,844	3,466	476	—	49	187
France	9,517	4,770	45,400	9,500	18,400	8,300	4/	4/ 1,028	8,172
Germany, Fed. Rep. of	5,641	6,746	38,058	12,555	17,355	2,257	5/ 1,684	5/ 146	4,061
Greece	328	2,098	688	412	85	46	—	—	145
Ireland	1,232	4,958	6,108	1,164	3,801	62	4/	4/ 319	762
Italy 6/	3,515	5,300	20,198	5,811	3,289	5,654	22	42	5,380
Netherlands	1,493	8,698	12,987	3,331	3,774	3,089	4/	4/ 2,013	780
Norway 7/	630	6,046	3,860	1,759	963	688	40	112	298
Sweden	1,399	6,359	8,896	3,093	4,279	862	16	205	441
Switzerland 7/	891	7,099	6,402	2,219	1,330	1,566	4/	4/ 218	1,069
United Kingdom	3,883	6,836	26,543	17,459	2,472	2,730	937	1,092	1,853
Australia	2,354	5,653	13,308	2,925	8,605	862	345	489	82
New Zealand 8/	1,998	5,637	11,262	1,023	7,977	1,842	4/	4/ 138	282
Total	61,256	—	370,293	136,730	129,443	45,410	10,091	18,984	29,635
1956:									
Canada	3/ 3,160	5,334	16,856	6,346	7,424	1,039	710	693	644
United States	20,900	6,004	125,474	59,600	31,589	13,724	6,366	11,029	3,166
Austria	1,162	4,958	5,761	2,462	1,605	351	3	171	1,169
Belgium	974	8,285	8,070	1,907	5,205	129	93	21	715
Denmark	1,448	7,716	11,173	1,576	7,438	1,191	4/	4/ 428	540
Finland	1,136	5,988	6,802	2,820	3,259	551	—	3	169
France	9,497	4,422	42,000	9,300	16,600	7,020	4/	4/ 908	8,172
Germany, Fed. Rep. of	5,659	6,626	37,494	12,416	16,998	2,189	5/ 1,512	5/ 181	4,198
Greece	325	2,185	710	424	92	51	—	—	143
Ireland	1,187	4,903	5,820	1,164	3,482	62	4/	4/ 360	752
Italy 6/	3,500	5,291	20,107	5,652	3,383	5,796	25	53	5,198
Netherlands	1,490	8,614	12,835	3,186	3,792	2,928	4/	4/ 2,149	780
Norway 7/	640	5,797	3,761	1,755	760	723	51	170	302
Sweden	1,420	6,109	8,675	3,199	4,021	838	11	172	434
Switzerland 7/	901	6,886	6,283	2,268	1,261	1,486	4/	4/ 188	1,080
United Kingdom	3,793	6,800	25,791	17,582	1,968	2,369	999	1,061	1,812
Australia	2,394	6,081	14,559	2,864	9,814	978	321	500	82
New Zealand 8/	1,998	5,739	11,466	1,006	8,128	1,905	4/	4/ 148	279
Total	61,584	—	363,637	135,527	126,819	43,330	10,091	18,235	29,635

COWS' MILK: Production and utilization in specified countries, 1934-38

Country	Production			Utilization					
	Milk cows	Production per cow	Milk production	Fluid milk 1/	Butter	Cheese	Canned milk	Other uses 2/	Feed
	1,000 head	Pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Canada	3/ 9/ 3,780	4,043	15,284	4,602	8,144	1,347	218	181	792
United States	23,933	4,291	104,930	42,520	44,363	6,503	4,607	4,198	2,739
Austria 10/	1,210	4,630	5,602	3,068	1,212	661	—	—	661
Belgium	967	7,022	6,790	1,433	4,321	163	15	42	816
Denmark 8/ 11/	1,692	6,905	11,684	1,433	9,314	331	4/	4/ 55	551
Finland	1,309	4,268	5,587	2,556	2,735	205	—	—	91
France	8,400	3,929	33,000	7,935	12,375	5,000	4/	4/ 190	7,500
Germany, Fed. Republic of 8/ 12/	6,049	5,467	33,069	10,295	17,306	1,279	4/	4/ 331	3,858
Greece 11/	181	1,384	251	181	54	16	—	—	—
Italy	3,466	3,968	13/ 13,750	3,700	2,700	3,600	24	626	3,100
Netherlands	1,460	7,658	11,180	2,321	5,536	2,291	4/	4/ 520	512
Norway 8/ 11/	802	3,683	2,954	1,124	1,111	489	4/	4/ 53	177
Sweden 8/ 11/	1,947	5,258	10,238	3,283	5,170	782	4/	4/ 44	959
Switzerland 7/ 11/	902	6,297	6,041	2,125	1,497	1,303	4/	4/ 49	1,067
United Kingdom	3,300	5,583	18,424	11,100	2,800	1,008	647	686	2,183
Australia 8/	2,545	4,629	14/ 11,780	1,612	9,466	444	4/	4/ 258	—
New Zealand 8/	1,787	5,694	10,176	665	7,255	1,969	4/	4/ 127	160
Total	63,730	—	300,740	99,953	135,359	27,391	5,511	7,360	25,166

1/ Includes milk used for cream.
2/ Includes milk used for ice cream, dried whole milk, minor products, waste, and balance, unless otherwise indicated.
3/ Includes cows kept mainly for milk.
4/ Canned milk included with other uses.
5/ Dried milk utilization included with canned milk.
6/ Production and utilization include sheep and goat milk.
7/ Production and utilization include goat milk.
8/ Years ending June 30.
9/ Average 1935-39.
10/ For 1934.
11/ Average 1933-37
12/ Average 1935-38.
13/ For 1938.
14/ Excludes milk fed to calves.

Foreign Agricultural Service. Prepared or estimated from official statistics, reports of Agricultural Attaches and other U. S. representatives abroad, and other information.

Only Sweden produced less milk than prewar, but output in Denmark was about unchanged from the 1934-38 level. Switzerland, Austria, New Zealand, Canada, and Australia showed gains of only 6 to 13 percent above prewar. Output in the United States, at about one-fifth greater than 1934-38, was about average for the group. Greece reported production almost triple prewar, while the United Kingdom was nearly double. Italy and France also reported sharp gains.

Use

Overall use of milk for fluid purposes was up less than 1 percent in 1957 and, for the second consecutive year, failed to keep pace with population. High prices stimulated Austrian farmers to sell more and consume less milk as fluid consumption declined 5 percent. Fluid use was also down in Sweden, Switzerland, the United Kingdom, and Greece, while Ireland and Norway indicated little change. Fluid use of milk rose only slightly in the United States and West Germany. Only 7 of the 18 countries reporting showed increases large enough to indicate a probable gain in per capita consumption of fluid milk; they were France, Italy, the Netherlands, Australia, Canada, Denmark, and Belgium.

Use of milk for butter was up 2 percent overall--or about the same as milk production. However, changes in butter production by countries appear to be more closely related to opposite changes in fluid use than to direct changes in milk production as such. All of the countries listed above as using relatively less milk for fluid purposes in 1957 had substantial increases in milk used for butter. Five of the 7 countries indicating gains in per capita consumption of fluid milk used less milk for butter. The other 2 countries, France and Denmark, had large enough increases in milk production to supply more milk for all major uses.

France used about three-fourths of a billion pounds more milk in butter than in 1956 for a gain of about 10 percent. The United Kingdom diverted one-half billion pounds more milk to butter for a relative increase of one-fourth. Norway, up 27 percent, and Austria, up 18 percent, were also large gainers. In Australia, where pasture conditions were poor, use of milk in butter decline 1.2 billion pounds, 12 percent below 1956. Five other countries showed only minor declines.

Use of milk in the production of cheese rose 5 percent in 1957, following a 4 percent increase in 1956. France, with an increase of 1.3 billion pounds of milk in this use (18 percent), was up most, both in pounds and relative to last year. Other sizable increases were: the United Kingdom, up 15 percent; Denmark, up 13 percent; and Canada, up 11 percent. Italy used 2 percent less milk for cheese in 1957. Fairly sharp percentage declines took place in the smaller cheese producing countries of Finland and Australia. New Zealand cheese output was down slightly for the year ended June 30, 1957, but has been up in more recent months.

Use in canning was unchanged in total. Declines in the United States and the United Kingdom offset gains in Germany, Canada, Belgium and Australia. Data for the Netherlands and France are included in other uses. Overall use in the latter category was up slightly.

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FD 4-58
May 2, 1958

WORLD OUTPUT OF DAIRY PRODUCTS,
FOURTH QUARTER AND ANNUAL, 1957

Fourth Quarter

Overall factory output of dairy products in the fourth quarter of 1957 was higher than output for the same quarter of 1956. Conditions were favorable for milk production in most countries of Western Europe and also in New Zealand, but less so in other important dairy countries. Butter, cheese, and dried milk output gained over the previous year, while canned milk production dropped slightly below the 1956 level.

Conditions for milk production in New Zealand were generally favorable in the final quarter of 1957, but, in Australia, dryness in the main dairy areas resulted in a much lower output than in the preceding year. Milk production in West Germany and Ireland held up well. Pastures were good, permitting later than usual grazing. Sweden and Switzerland also reported increased milk production. Conditions were somewhat less favorable in Finland and Norway, and milk production dropped below the 1956 level. In both Canada and the United States, milk production was above a year earlier.

Butter production in the October-December quarter, 1957, increased approximately 5 percent over the corresponding quarter of 1956. Output was up in most of the principal producing countries of Western Europe, with the exception of Norway, where production declined, and Finland, where it was maintained at the 1956 level. In the Southern Hemisphere, only New Zealand reported higher output.

FACTORY DAIRY PRODUCTS: Output in principal producing and exporting countries, Oct.-Dec. 1957 (preliminary) with comparisons

Country and Product	Average 1934-38	Average 1946-50	Total 1956	Total 1957	1956 Oct.-Dec.	1957 Jan.-Mar.	1957 Apr.-June.	1957 July-Sept.	1957 Oct.-Dec.	Oct.-Dec., 1957 compared with Oct.-Dec., 1956
	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pouhds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	Percent
Butter:										
Canada	1/ 254,774	277,868	2/ 305,431	305,562	2/ 52,027	2/ 29,175	2/ 96,152	2/ 117,082	63,153	121
United States	1,705,240	1,301,830	2/ 1,409,868	1,421,740	2/ 288,368	351,765	441,935	327,400	300,640	104
Belgium	46,179	55,353	2/ 102,192	106,118	—	—	—	—	—	—
Denmark	400,660	318,697	2/ 364,200	383,600	2/ 79,807	83,554	2/ 115,080	101,852	83,114	104
Finland	61,287	3/ 61,215	144,836	158,921	2/ 31,142	33,363	2/ 47,597	46,700	31,261	100
France 4/	220,000	—	573,000	624,000	203,000	99,500	152,000	154,300	218,200	107
Germany, Fed. Republic of	5/ 6/ 560,000	492,188	662,802	685,392	140,878	134,505	196,416	192,896	161,575	115
Ireland	89,400	68,648	2/ 96,342	109,458	19,061	6,596	38,401	2/ 44,577	19,884	104
Netherlands	201,000	155,620	2/ 169,093	167,770	32,848	22,707	53,572	54,894	36,597	111
Norway	24,930	20,049	27,558	34,603	3,867	7,406	14,895	9,225	3,077	80
Sweden	152,769	216,442	181,670	193,399	35,431	36,301	2/ 58,261	2/ 60,845	37,992	107
Switzerland 7/	57,760	36,949	2/ 8/ 59,745	8/ 63,052	2/ 9,560	12,335	20,386	17,578	11,635	122
United Kingdom	44,200	23,529	56,224	76,272	12,992	9,856	32,256	18,592	15,568	120
Argentina	65,742	100,657	2/ 145,453	120,808	41,250	2/ 41,506	2/ 28,089	19,136	32,077	78
Union So. Africa	9/ 27,725	44,845	2/ 84,020	—	2/ 23,622	2/ 26,384	2/ 17,114	15,376	—	—
Australia	6/ 415,250	354,371	2/ 454,762	397,069	162,781	117,884	54,042	79,917	145,226	89
New Zealand	6/ 366,912	346,095	2/ 455,057	469,875	2/188,758	130,167	43,466	94,398	201,844	107
Cheese:										
Canada 10/	1/ 119,924	114,329	2/ 84,747	95,635	2/ 17,418	2/ 7,059	2/ 32,512	2/ 38,865	17,199	99
United States	643,234	1,156,005	2/ 1,386,650	1,408,785	2/ 284,976	312,830	452,795	2/ 356,730	286,430	101
Denmark	68,820	123,634	2/ 185,848	215,830	2/ 40,345	42,770	70,547	59,083	43,430	108
France 4/	11/	11/	595,000	705,500	196,000	99,400	168,000	176,400	261,700	134
Italy 12/	523,513	491,326	760,000	—	—	—	—	—	—	—
Netherlands	4/ 200,000	176,926	2/ 338,406	357,145	50,753	47,619	123,016	112,655	73,855	146
Norway 13/	39,067	35,564	71,990	67,899	11,770	13,230	23,470	20,251	10,948	93
Sweden	76,059	115,005	2/ 111,623	115,060	20,214	23,283	39,955	33,233	18,589	92
Switzerland 13/	111,729	107,232	2/ 8/ 132,717	8/ 139,772	2/ 22,240	20,584	40,483	43,671	25,935	117
United Kingdom 7/	109,000	69,888	223,776	244,608	49,728	55,328	82,432	64,960	41,888	84
Argentina	67,873	203,830	2/ 275,019	—	79,537	2/ 68,803	2/ 60,873	55,415	—	—
Union So. Africa	9/ 10,195	17,967	27,857	—	7,695	7,629	2/ 5,113	5,321	—	—
Australia	6/ 48,400	98,396	2/ 96,990	85,785	41,737	23,029	11,209	20,630	30,917	74
New Zealand	6/ 210,911	216,842	2/ 214,036	217,135	2/ 92,142	2/ 66,626	21,817	36,252	92,440	100

Cannsd Milk:										
Canada 14/	1/ 104,335	266,532	2/ 335,333	344,654	2/ 60,679	2/ 50,594	2/ 124,906	2/ 117,566	51,588	85
United States 15/	1,970,189	3,170,576	2/ 2,609,866	2,521,130	2/ 485,159	2/ 567,405	2/ 853,250	2/ 646,150	454,325	94
Cuba	16/ 32,564	36,655	75,649	—	—	—	—	—	—	—
Denmark	40,785	58,701	58,299	—	—	—	—	—	—	—
France	17/ 28,953	16/ 57,984	4/ 110,200	4/ 130,100	4/ 30,100	4/ 26,500	4/ 27,300	4/ 28,200	4/ 48,100	160
Germany, Fed. Republic of	11/	11/	2/ 541,392	625,198	87,716	96,722	215,541	187,090	125,845	143
Netherlands	309,952	181,222	2/ 644,625	619,272	146,606	136,685	186,730	164,463	131,394	90
Switzerland	14,198	13,031	—	—	—	—	—	—	—	—
United Kingdom	378,560	219,914	423,808	407,904	74,144	96,320	176,960	71,232	63,392	86
Argentina	18/ 3,159	16/ 11,914	26,063	22,787	6,415	2/ 5,829	2/ 4,817	5,597	6,544	102
Australia	6/ 41,894	132,745	2/ 145,717	156,798	63,121	41,549	2/ 19,428	31,097	64,724	102
New Zealand	6/ 16/ 11,273	—	—	—	—	—	—	—	—	—
Dried Milk: 19/										
Canada 20/	1/ 26,079	72,686	2/ 99,549	142,885	2/ 16,605	2/ 11,601	2/ 42,551	2/ 51,770	36,963	223
United States 21/	1/ 637,407	1,704,061	2/ 1,671,729	1,805,810	2/ 325,273	2/ 437,750	2/ 622,300	2/ 386,300	359,460	110
Belgium	5,500	6,607	2/ 41,480	55,465	3,791	2,870	21,857	4/ 24,521	4/ 6,217	164
Denmark	2,205	16,866	40,296	—	—	—	—	—	—	—
France	17/ 7,685	16/ 3,308	4/ 22,000	4/ 33,100	—	4/ 5,000	4/ 6,600	4/ 7,300	4/ 14,200	—
Germany, Fed. Republic of	11/	11/	2/ 102,842	127,732	17,075	15,466	2/ 44,168	40,536	27,562	161
Netherlands	56,438	54,468	136,906	149,692	6,614	11,023	74,295	57,981	6,393	97
Sweden	1,351	24,566	31,686	39,147	4,425	7,099	13,528	12,981	5,539	125
Switzerland	7,187	10,847	—	—	—	—	—	—	—	—
United Kingdom	43,098	73,848	154,784	2/ 154,112	34,496	29,568	58,464	2/ 33,600	32,480	94
Argentina	18/ 3,977	16/ 14,070	25,196	23,519	8,999	2/ 7,401	2/ 4,224	3,678	8,216	91
Australia	6/ 16,691	54,235	2/ 110,483	102,030	44,794	2/ 26,506	2/ 13,059	22,826	39,639	88
New Zealand	22/ 17,420	—	—	—	—	—	—	—	—	—

1/ Average 1935-39. 2/ Revised. 3/ Average 1948-50. 4/ Estimated. 5/ Average 1935-38. 6/ Production year ending June 30. 7/ Total production. 8/ Annual production figures more complete than monthly figures used in quarterly data. 9/ Production year ending August 31. 10/ Cheddar cheese only. 11/ Not available. 12/ Total cheese and includes cheese made from the milk of sheep and goats. 13/ Total cheese, and includes cheese made from the milk of goats. 14/ Both bulk and case goods. 15/ Evaporated whole and condensed whole case goods only. 16/ Less than a 5-year average. 17/ For 1937. 18/ For 1939. 19/ Dried whole milk and nonfat solids production. 20/ Approximately 1.8 to 2.0 million pounds of animal feed now being included in production data; animal feed production not available and not included for 1935-39 period. 21/ Includes dried milk for animal feeding. 22/ For 1938.

Foreign Agricultural Service. Prepared or estimated from official statistics, reports of Agricultural Attaches and other U. S. representatives abroad and other information.

Factory cheese production in the fourth quarter, 1957 rose 9 percent. Output increased in the Netherlands, France, Denmark, Switzerland, and the United States, but dropped in Norway, Sweden, the United Kingdom, Australia, and Canada. There was little change in New Zealand.

Output of canned milk was down 1 percent. France, West Germany, Argentina, and Australia increased their production in the fourth quarter, but output declined in the Netherlands, the United Kingdom, Canada, and the United States.

Dried milk production showed the biggest gain in the final quarter of 1957, rising 13 percent over the same period of 1956. Output was up in West Germany, Sweden, Belgium, Canada, and the United States, but down in the Netherlands, the United Kingdom, Argentina, and Australia.

Annual

Overall output of dairy products in 1957 ran somewhat above 1956. Drought, and a decline in cow numbers, sharply reduced milk production in Australia. Following unfavorable weather in the first quarter, production conditions in New Zealand were generally good for the remainder of the year, and milk production was up.

Denmark reported a substantial gain in milk production in 1957 over 1956. This resulted from an increased yield per cow, which in turn was primarily a result of more abundant supplies of domestically produced feed. In West Germany, milk production set a record, mainly because of a marked improvement in the milk yield per cow. Mild weather, a good hay crop, and a better supply of concentrates at more favorable prices in the Netherlands raised milk production slightly above the 1956 level; yield per cow was a record. Comparatively mild weather for most of the year and good feed supply increased yields in Switzerland, and milk production was up.

An increase in milk cow numbers and good grazing conditions contributed to higher milk production in Belgium and Finland. Milk production in Norway and Sweden rose above the 1956 level. In Ireland, the number of milk cows in 1957 was somewhat above a year earlier. Weather was generally mild, pastures were good, and milk production exceeded that of 1956. In the United Kingdom, production set a record; an increase in cow numbers accounted for much of this expansion.

Weather conditions in Canada throughout the year were generally favorable for dairying. Milk cow numbers were down in the United States, but, with production per cow at a new high, milk production set a record.

Butter production (in factories) increased 2 percent over 1956. Milk available for butter and also for cheese in Australia declined sharply, as proportionally larger quantities of the reduced supply were used for the higher priced fluid market, and for condensery products. Butter production in New Zealand showed a marked gain.

An appreciable amount of the increased milk production in Denmark was used for butter, and, in both Norway and Sweden, more milk went into butter. Good consumer demand made butter production a profitable outlet for the increased milk supplies in West Germany. Because of inadequate domestic and export outlets for cheese in Finland, more milk went into butter. In Ireland, the quantity of milk delivered to creameries was an alltime high, and butter production set a record. Consumption of fluid milk in the United Kingdom was somewhat below 1956, and much more milk was available for manufacturing. In the Netherlands, butter production declined, mainly because of the diverting of milk into other dairy products.

Butter production was about the same in Canada as a year earlier, but showed a slight increase in the United States.

Factory cheese production in 1957 rose 6 percent over 1956. Output in Australia declined considerably, and was slightly higher in New Zealand.

Somewhat larger quantities of milk for manufacturing were used for cheese in the Netherlands and Denmark. Cheese production took more of the increased supplies in Switzerland. Sweden and the United Kingdom also produced more cheese in 1957, while Norway reported a sharp drop. In both Canada and the United States, cheese production increased.

Output of canned milk (evaporated and condensed) showed very little change from 1956. Larger supplies of manufacturing milk were made available for condensery products in Australia. Increased production of evaporated milk was not enough to offset the decline in condensed milk production in the Netherlands, and overall output was below the 1956 level. In the United Kingdom, canned milk production was down, due to a sharp drop in the output of evaporated milk. Production in Canada rose above that of the earlier year, the reduced output of condensed milk being offset by greater manufacture of evaporated milk. In the United States, condensed and evaporated milk production dropped; output of evaporated milk was the smallest since 1939.

Dried milk production (both dried whole and dried skim) in 1957 was 10 percent above 1956 and showed the largest gain of any of the four major dairy products. Although dried whole milk output in Australia increased substantially, nonfat dry milk solids output decreased and overall dried milk production was considerably below 1956. In the Netherlands, Belgium, and Sweden, both dried whole milk and nonfat dry milk rose in 1957. Production of nonfat dry milk in West Germany increased substantially, while production of dry whole milk declined sharply.

Canada produced somewhat more dried whole milk, but nonfat production was up by one-half due to a favorable price support level. In the United States, dry whole milk production was down 13 percent and, except for 1955, was the lowest since 1942. U. S. production of nonfat dry milk increased 9 percent to a new record high in 1957. For those countries reporting, production of nonfat dry milk other than in the United States exceeded 600 million pounds, 19 percent above 1956 and also a new record high.

CANNED MILK: Output by type in principal producing and exporting countries, 1957, with comparisons

Product and country	Average		Total		1957 compared with 1956
	1934-38	1946-50	1956	1957	
Condensed milk:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Percent
Canada	1/ 13,413	30,980	21,405	17,841	83
United States 2/	49,997	114,612	69,725	61,880	89
Cuba	3/ 29,497	35,968	69,112	--	--
Denmark	32,240	49,373	49,203	--	--
France	4/	3/ 5/ 40,800	5/ 70,500	5/ 83,800	119
Germany, West 6/	7/	7/	541,392	625,198	115
Netherlands	8/	131,287	373,459	312,171	84
Sweden	9/	10/	3,728	--	--
Switzerland	11/	12/	13/	--	--
United Kingdom	1/ 347,200	3/ 109,200	173,376	175,504	101
Argentina 6/	14/ 3,159	3/ 11,914	26,063	22,787	87
Union of South Africa 6/	7/	3/ 32,091	62,463	--	--
Australia 6/	41,894	132,745	145,717	156,798	108
New Zealand 6/	3/ 15/ 11,273	--	--	--	--
Evaporated milk:					
Canada	1/ 90,922	235,554	313,928	326,813	104
United States 16/	1,920,192	3,055,964	2,540,141	2,459,250	97
Cuba	3/ 3,067	5/ 687	6,537	--	--
Denmark	8,545	9,328	9,096	--	--
France	4/	3/ 5/ 17,200	5/ 39,700	5/ 46,300	117
Netherlands	8/	49,935	271,166	307,101	113
Sweden	9/	10/	2,355	--	--
United Kingdom	1/ 89,600	3/ 119,168	250,432	232,400	93

1/ Average 1935-39. 2/ Condensed whole case goods only. 3/ Less than a 5-year average. 4/ Total canned milk production reported at 28,953,000 pounds. 5/ Estimated. 6/ Total canned milk production. 7/ Not available. 8/ Total canned milk production reported at 309,952,000 pounds. 9/ Total canned milk production reported at 3,740,000 pounds. 10/ Total canned milk production reported at 4,603,000 pounds. 11/ Total canned milk production reported at 14,198,000 pounds. 12/ Total canned milk production reported at 13,031,000 pounds. 13/ Total canned milk production reported at 13,448,000 pounds. 14/ For 1939. 15/ Production year ending June 30. 16/ Evaporated whole case goods only.

DRIED MILK: Output by type in principal producing and exporting countries, 1957, with comparisons

Product and country	Average		Total		1957 compared with 1956
	1934-38	1946-50	1956	1957	
Dried whole milk:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Percent
Canada	1/ 4,720	15,572	20,544	23,083	112
United States	1/ 19,451	154,782	111,278	97,300	87
Belgium	2/	3/ 1,121	1,823	1,940	106
Denmark	4/	5/	30,891	--	--
France 6/	7/ 7,685	3/ 3,308	8/ 22,000	8/ 33,100	150
Germany, West	9/	9/	30,450	23,494	77
Netherlands	10/	11/	88,846	99,427	112
Sweden	12/	17,339	17,493	17,604	101
Switzerland	2,381	6,835	13/	--	--
United Kingdom	1/ 20,160	54,532	69,216	69,104	100
Argentina 6/	14/ 3,977	3/ 14,070	25,196	23,519	93
Australia	3/ 15/ 16/	39,736	38,326	39,910	104
New Zealand	17/ 18/	9/	9/	9/	9/
Nonfat dry milk:					
Canada 19/	1/ 21,359	52,074	79,005	119,802	152
United States 20/	375,386	783,401	1,560,451	1,708,510	109
Belgium	2/	3/ 5,486	39,657	53,525	135
Denmark	4/	5/	9,405	--	--
Germany, West	9/	9/	72,392	104,238	144
Netherlands	10/	11/	48,060	50,265	105
Sweden	12/	7,227	14,193	21,543	152
Switzerland	4,806	4,012	13/	--	--
United Kingdom	1/ 29,120	19,316	85,568	85,008	99
Australia	3/ 15/ 16/	14,499	72,157	62,120	86
New Zealand	17/ 18/	31,319	100,368	112,568	112

1/ Average 1935-39. 2/ Total dried milk production reported at 5,500,000 pounds. 3/ Less than a 5-year average. 4/ Total dried milk production reported at 2,205,000 pounds. 5/ Total dried milk production reported at 16,866,000 pounds. 6/ Total dried milk production. 7/ For 1937. 8/ Estimated. 9/ Not available. 10/ Total dried milk production reported at 56,438,000 pounds. 11/ Total dried milk production reported at 54,468,000 pounds. 12/ Total production reported at 1,351,000 pounds. 13/ Total dried milk production reported at 24,251,000 pounds. 14/ For 1939. 15/ Production years ending June 30. 16/ Total production reported at 16,691,000 pounds. 17/ For 1938. 18/ Total production reported at 17,429,000 pounds. 19/ Approximately 1.8 to 2.0 million pounds of animal feed now being included in production data; animal feed production not available and not included for 1935-39 period. 20/ Includes dried milk for animal feeding.

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Current Conditions Abroad

Australia: The drought was broken in February, when good rains fell over most of the dairying areas. The outlook for milk production for the balance of the season is much improved.

New Zealand: Conditions continue favorable for milk production.

France: Pasture prospects and the availability of other feeds are sufficiently good to indicate further increases in milk production.

United Kingdom: The upward trend in milk production is expected to continue through 1958.

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FD 3-58
March 25, 1958

U. S. EXPORTS OF DAIRY BREEDING CATTLE, JULY-DECEMBER AND ANNUAL 1957 1/

The United States exported 5,163 dairy breeding cattle during July-December 1957. January-June exports were 7,125 head, making an annual total of 12,288. About two-thirds of the total exported were Holstein, one-fifth Brown Swiss, and the remainder Jersey, Guernsey, and Ayrshire. Over 90 percent were females, of which about three-fourths were at least 2 years old.

During the last 6 months of 1957, Mexico was again the leading buyer, with 2,137 head, but declined both numerically and proportionately to about two-fifths of the total from nearly three-fourths during the first 6 months.

Nearly one-third of Mexican imports were Holsteins from Minnesota, followed by substantial shipments of the same breed from California and Texas.

Venezuela, the second largest outlet (954 head) took slightly more Brown Swiss than Holsteins. Ohio was the major source for Brown Swiss to Venezuela; yet Wisconsin, with its large shipments of Holsteins, outranked Ohio in total exports to this country. Cuba took 635 head, about one-half of which were Holsteins, mainly from Florida and Wisconsin. Canada indicated a preference for the Guernsey breed from various states.

1/ This is the second of a series of reports on exports of dairy breeding cattle which are being published at 6-month intervals. See Foreign Agriculture Circular FD 10-57 for January-June 1957 exports.

TABLE 1.--Breeding cattle, dairy: Inspections for export from the United States by breed, country of destination, age, and sex, July through December 1957 and annual 1957

Breed and country of destination	July-December 1957								Total	
	Male				Female					
	Under 1 year	1 year and under 2 years	2 years and over	All ages	Under 1 year	1 year and under 2 years	2 years and over	All ages	July-Dec. 1957	Jan.-Dec. 1957
	Head	Head	Head	Head	Head	Head	Head	Head	Head	Head
Ayrshire:										
British Honduras-----	--	--	1	1	--	--	--	--	1	1
Canada--------------	2	--	--	2	--	--	--	--	2	5
Cuba----------------	--	--	--	--	2	2	2	6	6	6
El Salvador---------	--	--	--	--	--	--	5	5	5	6
Germany-------------	--	--	--	--	--	8	16	24	24	33
Mexico--------------	2	4	3	9	2	4	10	16	25	38
Venezuela-----------	--	--	--	--	--	--	13	13	13	13
Other countries 1/--	--	--	--	--	--	--	--	--	--	4
Total---------------	4	4	4	12	4	14	46	64	76	106
Brown Swiss										
Austria-------------	--	--	--	--	--	1	--	1	1	1
Bahamas-------------	--	--	1	1	--	--	--	--	1	1
Brazil--------------	--	1	--	1	--	4	--	4	5	5
Canada--------------	--	--	1	1	2	3	17	22	23	30
Cuba----------------	4	5	4	13	51	64	67	182	195	440
Dominican Republic--	--	--	--	--	--	--	9	9	9	49
Ecuador-------------	--	3	1	4	--	19	49	68	72	72
El Salvador---------	--	--	--	--	2	--	18	20	20	39
Germany-------------	--	--	--	--	--	--	3	3	3	7
Guatemala-----------	2	--	1	3	40	--	--	40	43	67
Honduras------------	--	--	--	--	1	--	--	1	1	1
Mexico--------------	8	18	7	33	12	14	28	54	87	961
Nicaragua-----------	--	15	5	20	--	--	64	64	84	84
Panama Republic-----	--	--	2	2	--	--	--	--	2	2
Peru----------------	1	3	1	5	--	2	6	8	13	13
Venezuela-----------	21	36	3	60	65	39	294	398	458	659
Other countries 1/--	--	--	--	--	--	--	--	--	--	34
Total---------------	36	81	26	143	173	146	555	874	1,017	2,465
Guernsey										
Austria-------------	--	--	--	--	--	13	--	13	13	13
Bahamas-------------	--	--	--	--	--	1	13	14	14	14
Brazil--------------	1	--	--	1	1	1	--	2	3	3
Canada--------------	22	3	3	28	14	13	48	75	103	193
Cuba----------------	--	--	--	--	--	2	10	12	12	54
Dominican Republic--	--	--	--	--	--	--	1	1	1	2
Ecuador-------------	1	--	--	1	1	2	1	4	5	5
El Salvador---------	--	--	--	--	--	--	1	1	1	1
Germany-------------	--	--	--	--	--	13	37	50	50	99
Mexico--------------	--	1	--	1	7	2	9	18	19	119
Nicaragua-----------	--	5	2	7	--	6	33	39	46	46
Panama Canal Zone---	--	1	--	1	--	--	--	--	1	1
Venezuela-----------	2	1	1	4	2	35	--	37	41	41
Other countries 1/--	--	--	--	--	--	--	--	--	--	4
Total---------------	26	11	6	43	25	88	153	266	309	595

Holstein										
Austria	--	--	--	--	--	10	3	13	13	13
Bahamas	--	--	--	--	--	--	6	6	6	6
Brazil	--	1	--	1	1	2	--	3	4	4
British Honduras	1	--	--	1	--	2	21	23	24	24
Canada	18	2	7	27	8	5	29	42	69	124
Chile	3	--	--	3	--	--	2	2	5	5
Cuba	--	5	4	9	2	19	287	308	317	528
Dominican Republic	--	--	--	--	33	--	32	65	65	89
Ecuador	--	3	--	3	--	--	--	--	3	29
El Salvador	--	--	--	--	--	16	17	33	33	75
Germany	--	--	--	--	--	24	82	106	106	222
Guatemala	--	3	--	3	--	--	--	--	3	86
Honduras	1	--	--	1	--	--	--	--	1	1
Israel	4	7	--	11	--	3	3	6	17	17
Italy	1	1	--	2	--	--	--	--	2	3
Japan	2	--	3	5	--	3	15	18	23	24
Mexico	15	32	37	84	76	248	1,528	1,852	1,936	6,054
Panama Canal Zone	1	2	1	4	--	--	--	--	4	4
Peru	3	4	1	8	--	120	195	315	323	341
Puerto Rico	--	2	--	2	--	--	--	--	2	2
Uruguay	--	2	--	2	--	--	--	--	2	3
Venezuela	2	17	5	24	23	15	356	394	418	487
Other countries 1/	--	--	--	--	--	--	--	--	--	83
Total	51	81	58	190	143	467	2,576	3,186	3,376	8,224
Jersey										
Austria	--	--	1	1	--	2	9	11	12	12
Canada	9	3	5	17	4	13	40	57	74	77
Costa Rica	1	--	--	1	--	--	--	--	1	2
Cuba	2	--	1	3	12	60	30	102	105	235
El Salvador	--	1	1	2	2	--	3	5	7	40
Germany	--	--	--	--	--	9	5	14	14	26
Guatemala	8	--	--	8	13	16	--	29	37	37
Japan	3	--	--	3	--	10	3	13	16	17
Mexico	2	1	1	4	6	7	53	66	70	259
Nicaragua	--	--	--	--	--	--	1	1	1	1
Venezuela	--	4	2	6	--	7	11	18	24	90
Other countries 1/	--	--	--	--	--	--	--	--	--	78
Total	25	9	11	45	37	124	155	316	361	874
Unspecified										
Germany	--	--	--	--	--	2	1	3	3	3
Peru	9	1	--	10	11	--	--	11	21	21
Total	9	1	--	10	11	2	1	14	24	24
Grand total	151	187	105	443	393	841	3,486	4,720	5,163	12,288

1/ For detailed breakdown, see dairy cattle circular FD 10-57, which shows exports during January-June 1957. For all breeds, additional detail is included in the above circular for the following countries: Argentina, British Guiana, Colombia, Costa Rica, Ecuador, Ethiopia, Greece, Korea, Morocco, New Zealand, Republic of Panama, and Puerto Rico.

Foreign Agricultural Service. Compiled from official health certificates and test charts, ARS

TABLE 2.--Breeding cattle, dairy: Inspections for export from the United States by country of destination, state of origin, breed, age, and sex, July through December 1957, and annual 1957

Country of destination, state of origin, and breed	July-December 1957								Total	
	Male				Female					
	Under 1 year	1 year and under 2 years	2 years and over	All ages	Under 1 year	1 year and under 2 years	2 years and over	All ages	July-Dec. 1957	Jan.-Dec. 1957
	Head	Head	Head	Head	Head	Head	Head	Head	Head	Head
Austria:										
Illinois:										
Brown Swiss	--	--	--	--	--	1	--	1	1	1
Guernsey	--	--	--	--	--	13	--	13	13	13
Holstein	--	--	--	--	--	9	3	12	12	12
Jersey	--	--	--	--	--	1	--	1	1	1
Pennsylvania:										
Holstein	--	--	--	--	--	1	--	1	1	1
Jersey	--	--	1	1	--	1	9	10	11	11
Total	--	--	1	1	--	26	12	38	39	39
Bahamas:										
Florida:										
Brown Swiss	--	--	1	1	--	--	--	--	1	1
Guernsey	--	--	--	--	--	1	13	14	14	14
Holstein	--	--	--	--	--	--	6	6	6	6
Total	--	--	1	1	--	1	19	20	21	21
Brazil:										
Florida:										
Brown Swiss	--	1	--	1	--	4	--	4	5	5
Holstein	--	1	--	1	1	1	--	2	3	3
Virginia:										
Guernsey	1	--	--	1	1	1	--	2	3	3
Holstein	--	--	--	--	--	1	--	1	1	1
Total	1	2	--	3	2	7	--	9	12	12
British Honduras:										
Florida:										
Holstein	1	--	--	1	--	--	--	--	1	1
Ohio:										
Ayrshire	--	--	1	1	--	--	--	--	1	1
Wisconsin:										
Holstein	--	--	--	--	--	2	21	23	23	23
Total	1	--	1	2	--	2	21	23	25	25
Canada:										
Colorado:										
Holstein	--	--	--	--	1	--	--	1	1	1
Connecticut:										
Guernsey	1	--	--	1	--	--	1	1	2	2
Jersey	--	--	1	1	2	6	12	20	21	21
Illinois:										
Holstein	--	--	1	1	--	--	--	--	1	1
Indiana:										
Brown Swiss	--	--	--	--	--	2	6	8	8	8
Guernsey	3	--	1	4	--	--	7	7	11	11
Holstein	1	--	--	1	1	--	--	1	2	2

Maine:										
Jersey	--	--	--	--	--	--	1	1	1	1
Maryland:										
Holstein	--	--	1	1	--	--	3	3	4	4
Jersey	--	1	--	1	--	--	--	--	1	1
Massachusetts:										
Brown Swiss	--	--	1	1	--	--	--	--	1	1
Guernsey	--	1	--	1	--	--	--	--	1	10
Michigan:										
Holstein	1	--	--	1	--	--	--	--	1	9
Jersey	--	--	1	1	--	--	--	--	1	1
Minnesota:										
Holstein	--	--	1	1	--	--	--	--	1	15
New Jersey:										
Guernsey	--	1	--	1	--	--	6	6	7	8
Jersey	4	2	2	8	--	4	8	12	20	20
New York:										
Guernsey	1	1	--	2	--	2	13	15	17	64
Holstein	3	--	--	3	--	3	7	10	13	13
North Dakota:										
Guernsey	--	--	--	--	4	--	--	4	4	4
Holstein	--	1	--	1	--	2	--	2	3	3
Ohio:										
Brown Swiss	--	--	--	--	--	1	11	12	12	12
Guernsey	--	--	1	1	1	8	17	26	27	30
Holstein	--	--	1	1	--	--	3	3	4	4
Jersey	--	--	--	--	--	--	1	1	1	1
Pennsylvania:										
Guernsey	5	--	1	6	--	--	4	4	10	10
Holstein	--	--	1	1	--	--	2	2	3	4
Jersey	--	--	--	--	--	--	2	2	2	2
Rhode Island:										
Jersey	--	--	--	--	--	3	16	19	19	19
Utah:										
Holstein	--	--	1	1	--	--	1	1	2	2
Washington:										
Brown Swiss	--	--	--	--	2	--	--	2	2	2
Guernsey	12	--	--	12	5	3	--	8	20	44
Holstein	11	--	--	11	6	--	13	19	30	57
Jersey	5	--	1	6	2	--	--	2	8	11
Wisconsin:										
Ayrshire	2	--	--	2	--	--	--	--	2	2
Guernsey	--	--	--	--	4	--	--	4	4	5
Holstein	2	1	1	4	--	--	--	--	4	8
Other 1/	--	--	--	--	--	--	--	--	--	16
Total	51	8	16	75	28	34	134	196	271	429
Chile:										
Washington:										
Holstein	1	--	--	1	--	--	--	--	1	1
Wisconsin:										
Holstein	2	--	--	2	--	--	2	2	4	4
Total	3	--	--	3	--	--	2	2	5	5

See footnotes at end of table.

TABLE 2.--Breeding cattle, dairy: Inspection for export from the United States by country of destination, state of origin, breed, age, and sex, July through December 1957, and annual 1957--Continued

Country of destination, state of origin, and breed	July-December 1957								Total	
	Male				Female					
	Under 1 year	1 year and under 2 years	2 years and over	All ages	Under 1 year	1 year and under 2 years	2 years and over	All ages	July-Dec. 1957	Jan.-Dec. 1957
	Head	Head	Head	Head	Head	Head	Head	Head	Head	Head
Costa Rica:										
Texas:										
Jersey	1	--	--	1	--	--	--	--	1	1
Other 1/	--	--	--	--	--	--	--	--	--	3
Total	1	--	--	1	--	--	--	--	1	4
Cuba:										
Florida:										
Ayrshire	--	--	--	--	--	1	1	2	2	2
Brown Swiss	--	--	1	1	--	--	4	4	5	8
Guernsey	--	--	--	--	--	2	8	10	10	47
Holstein	--	2	2	4	--	14	150	164	168	191
Jersey	--	--	--	--	--	--	16	16	16	22
Illinois:										
Brown Swiss	3	1	--	4	32	23	1	56	60	60
Massachusetts:										
Brown Swiss	--	--	--	--	10	6	2	18	18	18
Minnesota:										
Brown Swiss	--	4	--	4	--	7	27	34	38	38
Holstein	--	--	--	--	--	--	2	2	2	2
Mississippi:										
Brown Swiss	--	--	1	1	--	--	6	6	7	7
Holstein	--	--	--	--	--	--	8	8	8	72
Jersey	--	--	1	1	--	3	12	15	16	89
New Jersey:										
Jersey	1	--	--	1	--	2	1	3	4	4
Ohio:										
Ayrshire	--	--	--	--	2	1	--	3	3	3
Jersey	1	--	--	1	12	55	1	68	69	98
Pennsylvania:										
Guernsey	--	--	--	--	--	--	2	2	2	2
Holstein	--	--	--	--	--	--	25	25	25	25
Wisconsin:										
Ayrshire	--	--	--	--	--	--	1	1	1	1
Brown Swiss	1	--	2	3	9	28	27	64	67	232
Holstein	--	3	2	5	2	5	102	109	114	215
Other 1/	--	--	--	--	--	--	--	--	--	127
Total	6	10	9	25	67	147	396	610	635	1,263
Dominican Republic:										
Florida:										
Holstein	--	--	--	--	33	--	--	33	33	42
Texas:										
Brown Swiss	--	--	--	--	--	--	9	9	9	18
Guernsey	--	--	--	--	--	--	1	1	1	2
Holstein	--	--	--	--	--	--	32	32	32	40
Other 1/	--	--	--	--	--	--	--	--	--	38
Total	--	--	--	--	33	--	42	75	75	140

Ecuador:										
Florida:										
Brown Swiss	--	3	1	4	--	19	49	68	72	72
Guernsey	--	--	--	--	1	2	1	4	4	4
Tennessee:										
Guernsey	1	--	--	1	--	--	--	--	1	1
Washington:										
Holstein	--	3	--	3	--	--	--	--	3	3
Other 1/	--	--	--	--	--	--	--	--	--	36
Total	1	6	1	8	1	21	50	72	80	116
El Salvador:										
Florida:										
Ayrshire	--	--	--	--	--	--	5	5	5	6
Brown Swiss	--	--	--	--	2	--	16	18	18	19
Guernsey	--	--	--	--	--	--	1	1	1	1
Holstein	--	--	--	--	--	5	14	19	19	25
Jersey	--	1	--	1	--	--	--	--	1	2
Ohio:										
Jersey	--	--	1	1	2	--	3	5	6	23
Pennsylvania:										
Holstein	--	--	--	--	--	11	3	14	14	14
Wisconsin:										
Brown Swiss	--	--	--	--	--	--	2	2	2	7
Other 1/	--	--	--	--	--	--	--	--	--	64
Total	--	1	1	2	4	16	44	64	66	161
Germany:										
Massachusetts:										
Guernsey	--	--	--	--	--	1	--	1	1	16
Holstein	--	--	--	--	--	1	2	3	3	8
Jersey	--	--	--	--	--	--	2	2	2	3
New York:										
Jersey	--	--	--	--	--	6	2	8	8	8
Pennsylvania:										
Ayrshire	--	--	--	--	--	8	16	24	24	30
Brown Swiss	--	--	--	--	--	--	3	3	3	4
Guernsey	--	--	--	--	--	12	35	47	47	51
Holstein	--	--	--	--	--	23	76	99	99	157
Jersey	--	--	--	--	--	3	1	4	4	4
Unspecified	--	--	--	--	--	2	1	3	3	3
Virginia:										
Guernsey	--	--	--	--	--	--	2	2	2	16
Holstein	--	--	--	--	--	--	4	4	4	36
Other 1/	--	--	--	--	--	--	--	--	--	54
Total	--	--	--	--	--	56	144	200	200	390
Guatemala:										
Florida:										
Jersey	1	--	--	1	--	16	--	16	17	17
Kentucky:										
Brown Swiss	2	--	--	2	--	--	--	--	2	2
Jersey	7	--	--	7	13	--	--	13	20	20
Wisconsin:										
Brown Swiss	--	--	1	1	40	--	--	40	41	41
Holstein	--	3	--	3	--	--	--	--	3	35
Other 1/	--	--	--	--	--	--	--	--	--	75
Total	10	3	1	14	53	16	--	69	83	190

See footnotes at end of table.

TABLE 2.--Breeding cattle, dairy: Inspection for export from the United States by country of destination, state of origin, breed, age, and sex, July through December 1957, and annual 1957--Continued

Country of destination, state of origin, and breed	July-December 1957								Total	
	Male				Female					
	Under 1 year	1 year and under 2 years	2 years and over	All ages	Under 1 year	1 year and under 2 years	2 years and over	All ages	July-Dec. 1957	Jan.-Dec. 1957
Honduras:	Head	Head	Head	Head	Head	Head	Head	Head	Head	Head
Illinois:										
Brown Swiss	--	--	--	--	1	--	--	1	1	1
Ohio:										
Holstein	1	--	--	1	--	--	--	--	1	1
Total	1	--	--	1	1	--	--	1	2	2
Israel:										
Connecticut:										
Holstein	--	2	--	2	--	--	--	--	2	2
New York:										
Holstein	4	1	--	5	--	--	--	--	5	5
Pennsylvania:										
Holstein	--	--	--	--	--	3	3	6	6	6
Wisconsin:										
Holstein	--	4	--	4	--	--	--	--	4	4
Total	4	7	--	11	--	3	3	6	17	17
Italy:										
Washington:										
Holstein	--	1	--	1	--	--	--	--	1	2
Wisconsin:										
Holstein	1	--	--	1	--	--	--	--	1	1
Total	1	1	--	2	--	--	--	--	2	3
Japan:										
California:										
Holstein	1	--	--	1	--	--	11	11	12	12
Jersey	1	--	--	1	--	--	--	--	1	2
Illinois:										
Holstein	--	--	1	1	--	--	--	--	1	1
Iowa:										
Holstein	--	--	1	1	--	--	--	--	1	1
Missouri:										
Jersey	--	--	--	--	--	2	--	2	2	2
New Jersey:										
Jersey	2	--	--	2	--	7	2	9	11	11
Texas:										
Jersey	--	--	--	--	--	1	--	1	1	1
Washington:										
Jersey	--	--	--	--	--	--	1	1	1	1
Wisconsin:										
Holstein	1	--	1	2	--	3	4	7	9	9
Other 1/	--	--	--	--	--	--	--	--	--	1
Total	5	--	3	8	--	13	18	31	39	41

Mexico:										
Arizona:										
Holstein	2	--	3	5	--	--	15	15	20	339
California:										
Brown Swiss	--	2	1	3	--	--	2	2	5	12
Guernsey	--	--	--	--	--	1	5	6	6	48
Holstein	6	17	2	25	20	1	370	391	416	1,605
Colorado:										
Brown Swiss	1	--	--	1	--	--	--	--	1	28
Guernsey	--	1	--	1	--	--	--	--	1	1
Holstein	--	1	--	1	--	3	136	139	140	472
Connecticut:										
Brown Swiss	--	--	2	2	--	--	--	--	2	2
Illinois:										
Brown Swiss	2	4	--	6	4	9	7	20	26	73
Holstein	--	--	21	21	--	--	--	--	21	112
Minnesota:										
Brown Swiss	--	--	--	--	--	--	1	1	1	42
Holstein	2	12	--	14	3	58	647	708	722	1,263
New Mexico:										
Guernsey	--	--	--	--	--	--	1	1	1	7
Holstein	--	--	6	6	--	--	76	76	82	86
Ohio:										
Ayrshire	2	2	3	7	2	2	7	11	18	25
Brown Swiss	1	2	2	5	1	3	6	10	15	268
Texas:										
Ayrshire	--	2	--	2	--	2	3	5	7	7
Brown Swiss	4	10	2	16	7	2	9	18	34	105
Guernsey	--	--	--	--	7	1	3	11	11	14
Holstein	4	2	5	11	53	121	167	341	352	758
Jersey	2	1	1	4	6	7	53	66	70	222
Washington:										
Holstein	1	--	--	1	--	--	--	--	1	2
Wisconsin:										
Brown Swiss	--	--	--	--	--	--	3	3	3	288
Holstein	--	--	--	--	--	65	117	182	182	1,252
Other 1/	--	--	--	--	--	--	--	--	--	400
Total	27	56	48	131	103	275	1,628	2,006	2,137	7,431
Nicaragua:										
Maryland:										
Guernsey	--	--	--	--	--	5	1	6	6	6
Pennsylvania:										
Guernsey	--	2	--	2	--	--	3	3	5	5
South Carolina:										
Guernsey	--	--	--	--	--	--	7	7	7	7
Tennessee:										
Guernsey	--	1	--	1	--	--	--	--	1	1
Virginia:										
Guernsey	--	2	2	4	--	1	22	23	27	27
Wisconsin:										
Brown Swiss	--	15	5	20	--	--	64	64	84	84
Jersey	--	--	--	--	--	--	1	1	1	1
Total	--	20	7	27	--	6	98	104	131	131

See footnotes at end of table.

TABLE 2.--Breeding cattle, dairy: Inspection for export from the United States by country of destination, state of origin, breed, age, and sex, July through December 1957, and annual 1957--Continued

Country of destination, state of origin, and breed	July-December 1957								Total	
	Male				Female					
	Under 1 year	1 year and under 2 years	2 years and over	All ages	Under 1 year	1 year and under 2 years	2 years and over	All ages	July-Dec. 1957	Jan.-Dec. 1957
	Head	Head	Head	Head	Head	Head	Head	Head	Head	Head
Panama Canal Zone:										
Maryland:										
Guernsey------------	--	1	--	1	--	--	--	--	1	1
Holstein------------	1	2	1	4	--	--	--	--	4	4
Total------------	1	3	1	5	--	--	--	--	5	5
Panama Republic:										
Florida:										
Brown Swiss---------	--	--	2	2	--	--	--	--	2	2
Other 1/--------------	--	--	--	--	--	--	--	--	--	1
Total-------------	--	--	2	2	--	--	--	--	2	3
Peru:										
Connecticut:										
Brown Swiss---------	--	--	--	--	--	2	--	2	2	2
Illinois:										
Holstein------------	--	--	--	--	--	--	1	1	1	1
Indiana:										
Brown Swiss---------	--	--	--	--	--	--	1	1	1	1
Michigan:										
Brown Swiss---------	--	--	--	--	--	--	1	1	1	1
Holstein------------	--	--	--	--	--	2	7	9	9	9
New York:										
Brown Swiss---------	--	2	1	3	--	--	--	--	3	3
Holstein------------	--	--	--	--	--	--	2	2	2	2
Ohio:										
Brown Swiss---------	--	--	--	--	--	--	3	3	3	3
Holstein------------	--	--	--	--	--	--	2	2	2	2
Oklahoma:										
Brown Swiss---------	1	1	--	2	--	--	1	1	3	3
Washington:										
Holstein------------	--	2	1	3	--	117	183	300	303	303
Wisconsin:										
Holstein------------	3	2	--	5	--	1	--	1	6	6
Unspecified---------	9	1	--	10	11	--	--	11	21	21
Other 1/--------------	--	--	--	--	--	--	--	--	--	18
Total-------------	13	8	2	23	11	122	201	334	357	375
Puerto Rico:										
Washington:										
Holstein------------	--	2	--	2	--	--	--	--	2	2
Other 1/--------------	--	--	--	--	--	--	--	--	--	25
Total-------------	--	2	--	2	--	--	--	--	2	27
Uruguay:										
Washington:										
Holstein------------	--	1	--	1	--	--	--	--	1	1
Wisconsin:										
Holstein------------	--	1	--	1	--	--	--	--	1	2
Total-------------	--	2	--	2	--	--	--	--	2	3

Venezuela:										
Florida:										
Brown Swiss	4	1	--	5	60	--	10	70	75	103
Holstein	--	--	2	2	21	--	2	23	25	27
Illinois:										
Brown Swiss	9	7	1	17	2	7	3	12	29	57
Holstein	1	1	2	4	2	--	86	88	92	116
Indiana:										
Brown Swiss	--	--	--	--	--	2	9	11	11	11
Iowa:										
Brown Swiss	4	3	--	7	3	3	--	6	13	13
New Jersey:										
Brown Swiss	--	2	--	2	--	7	25	32	34	34
New York:										
Brown Swiss	--	--	1	1	--	2	58	60	61	64
Holstein	--	--	--	--	--	--	13	13	13	20
Ohio:										
Brown Swiss	--	16	1	17	--	7	93	100	117	192
Holstein	--	3	--	3	--	--	69	69	72	73
Pennsylvania:										
Brown Swiss	--	--	--	--	--	--	5	5	5	5
Guernsey	2	1	1	4	2	35	--	37	41	41
Holstein	--	--	1	1	--	--	--	--	1	1
Jersey	--	1	--	1	--	--	--	--	1	1
Texas:										
Ayrshire	--	--	--	--	--	--	13	13	13	13
Brown Swiss	--	2	--	2	--	--	--	--	2	7
Holstein	--	--	--	--	--	--	47	47	47	47
Jersey	--	3	2	5	--	7	11	18	23	62
Washington:										
Holstein	1	--	--	1	--	--	--	--	1	1
Wisconsin:										
Brown Swiss	4	5	--	9	--	11	91	102	111	167
Holstein	--	13	--	13	--	15	139	154	167	191
Other 1/	--	--	--	--	--	--	--	--	--	44
Total	25	58	11	94	90	96	674	860	954	1,290
Other countries 2/	--	--	--	--	--	--	--	--	--	165
Grand total	151	187	105	443	393	841	3,486	4,720	5,163	12,288

1/ These dairy cattle were shipped during January-June 1957. For complete breakdown as to breed and state of origin during that period, see FD 10-57.

2/ There were no exports to these countries during July-December 1957. Exports during January-June were as follows: Argentina, 12; British Guiana, 20; Colombia, 9; Ethiopia, 2; Greece, 1; Korea, 27; Morocco, 7; New Zealand, 3; and Turkey, 84 head. For breakdown as to breed and state of origin, see FD 10-57.

Foreign Agricultural Service. Compiled from official health certificates and test charts, ARS.

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DAIRY PRODUCTS
FD 2-58
March 14, 1958

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U. S. DEPARTMENT OF AGRICULTURE

U. S. DAIRY EXPORTS UNDER TITLE I, PUBLIC LAW 480, 1956 AND 1957

The whole milk equivalent of U. S. dairy product exports under Title I, Public Law 480 (sales for foreign currencies), totaled 180.3 million pounds in 1957, 24-percent below 1956. The decline was due almost entirely to decreased sales of butter and ghee.

In August 1956, Commodity Credit Corporation stocks of butter were depleted, and none were available for export under Title I until early in 1957. The first shipments of butter were exported in July and August as ghee for Pakistan. The butter shipments to Israel left in December as a small part of a contract that will extend into 1958. Butter sales for foreign currencies are expected to show a marked increase this year.

Shipments of condensed milk showed the largest absolute gain in 1957, while cheese and dry whole milk were up substantially. Nonfat dry milk exports under Title I were 17.5 million pounds, a 43-percent gain over the previous year.

Last year, 10 countries bought dairy products for foreign currencies, compared with 7 countries in 1956 and only 2 in 1955. Shipments under Title I in 1955 were 3.2 million pounds of evaporated milk to Greece and 2.5 million pounds of butter to Israel.

DAIRY PRODUCTS: U. S. exports under Title I, Public Law 480, 1956 and 1957

Destination	Butter		Ghee		Cheese		Condensed milk		Evaporated milk		Dry whole milk		Nonfat dry milk	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Burma	—	—	—	—	—	—	1,261	5,307	4,350	—	—	—	—	—
Greece	—	—	—	—	1,226	571	—	—	2,921	5,446	—	—	9,570	—
India	—	—	—	—	—	—	—	—	—	—	—	—	—	10,971
Iran	—	—	1,630	—	—	—	—	—	—	—	—	—	—	—
Israel	4,590	654	—	—	1,302	3,518	—	—	—	—	—	—	2,597	2,714
Korea	—	—	—	—	—	978	—	—	—	—	—	209	—	—
Pakistan	—	—	1,971	2,447	—	—	—	—	—	—	—	—	—	—
Paraguay	—	—	—	—	—	—	—	—	—	—	263	559	—	—
Peru	154	—	—	—	—	—	—	—	—	—	—	—	—	—
Philippines, Republic of	—	—	—	—	—	155	—	—	—	—	—	—	—	3,746
Thailand	—	—	—	1/ 37	—	—	—	—	—	—	—	—	—	68
Taiwan	—	—	—	—	—	—	—	1,773	—	1,104	—	1,475	—	—
Total	4,744	654	3,601	2,484	2,528	5,222	1,261	7,080	7,271	6,550	263	2,243	12,167	17,499

1/ Anhydrous butterfat.

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PATTERN OF WORLD TRADE IN DRY AND CANNED MILK, 1955 AND 1956, WITH INDICATIONS FOR 1957 [1]

SUMMARY

The world's major exporters of dry whole milk shipped 183.3 million pounds abroad in 1956, an increase of 6.8 percent over 1955. The Netherlands was the largest exporter, shipping 35.8 percent of the total. However, U. S. exports to Venezuela constituted the largest single channel of trade. As Dutch and Danish trade increased last year, a moderate increase of perhaps 10 percent in world exports for 1957 is indicated by available figures.

Major suppliers of nonfat dry milk shipped 449.5 pounds in 1956, 18.7 percent more than in 1955. Nearly 57 percent of this total went to Asia. New Zealand's shipments of 59.7 million pounds to the United Kingdom were the largest item in this trade. Exports in 1957 appear to have declined about 3 percent, with U. S. exports down moderately, and New Zealand's shipment's up substantially over 1956.

Exports of evaporated whole milk gained 9 percent in 1956, totaling 408.1 million pounds. The Netherlands and the United States accounted for nearly 80 percent of this amount. While the Netherlands sent significant quantities to all areas, exports of 123.6 million pounds from the United States to the Philippines were the largest individual item. Preliminary 1957 estimates indicate a 4-percent increase over 1956.

Principal suppliers of condensed whole milk exported 560.7 million pounds in 1956, an increase of 13 percent over 1955. The Netherlands supplied over half this amount. Trade in 1957 will be somewhat below 1956, according to preliminary estimates.

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[1] The pattern of world trade in these products was last presented in Foreign Agriculture Circular FD 2-57 (February 19, 1957). This circular treats exports of dry whole milk, nonfat dry milk, evaporated milk, and condensed milk separately, wherever possible. However, since Belgium, Sweden, and Switzerland do not report these products individually, data for total dry milk (table 3) and total canned milk (table 6) are presented, which include exports from these countries.

DRY MILK

Dry Whole Milk

A total of 183.3 million pounds of dry whole milk was exported by the world's major reporting countries in 1956, 6.8 percent over the 1955 figure (see table 1). Increased export totals were shown by all countries but the United States and the United Kingdom. Exports increased to all major areas of the world except South America, the heaviest importing area. Exports in 1957 are indicated up 10 percent over 1956.

The Exporters

The Netherlands, the world's largest exporter of dry whole milk, shipped 65.6 million pounds in 1956, an increase of 21 percent over 1955. Of this amount, 30.8 million pounds went to Western Europe. Belgium and Venezuela continued to be primary markets in 1956. Dutch exports to West Germany, Belgium, and Venezuela are expected to increase in 1957, and total exports will be up about 3 million pounds, or 4.7 percent, from 1956.

The United States exported 40.1 million pounds of dry whole milk in 1956. This represented a decline of 5.8 million pounds from the 1955 level. South America--Venezuela in particular--continued to be the major U. S. outlet. Marketings in Venezuela, however, were somewhat less than in 1955, and this accounted for most of the 1956 decline. There was little change in 1957; shipments to the Philippines and the Belgian Congo were down somewhat, and an increase of 1.2 million pounds to Taiwan was shipped under a Title I, Public Law 480 agreement.

Denmark's dry whole milk exports rose from 29.0 million pounds in 1955 to 32.4 million pounds in 1956--an increase of about 12 percent--and 1957 exports are expected to be at least 50 percent higher than in the previous year. Substantial increases in shipments to West Germany, Rumania, Brazil, Venezuela, and Indonesia will account for the sharp rise in 1957 exports.

Canada shipped 17.3 million pounds of dry whole milk abroad in 1956, 13.3 million pounds of which was taken by Venezuela. Canadian exports in 1957 will probably show a small decline.

Australian shipments of dry whole milk in 1956 amounted to 15.3 million pounds, with 10.4 million going to the Asian area. A small decline in 1957 shipments is indicated.

New Zealand exported 9.8 million pounds of dry whole milk in 1956, with 8.4 million pounds going to Western Europe, principally the United Kingdom. Shipments declined slightly in 1957, judging from available figures.

United Kingdom exports declined to 2.8 million pounds in 1956 from 4.4 million in 1955, mainly because of a decline in shipments to West Germany. However, a small increase is indicated for 1957.

The Importers

South America continued to be the principal importing area for dry whole milk in 1956, receiving 70.2 million pounds, or 38.3 percent of 1956 world exports. Venezuela, the world's largest importer, took 56.6 million pounds, or 30.9 percent of the world total. Brazil received 10.3 million pounds, an increase of 2 million pounds, to establish itself as a principal importer. Imports by Bolivia and Colombia showed drastic declines. Venezuelan imports in 1957 were probably up about 10 percent over 1956.

Western Europe imported 44.6 million pounds of dry whole milk in 1956, with the Netherlands supplying 69.1 percent of this amount. As a major importer, the United Kingdom received 14.7 million pounds, nearly double receipts in 1955, but imports in 1957 appear to have dropped about 5 million pounds. Belgium took 12.8 million pounds in 1956 and probably about the same quantity in 1957. West Germany's imports totaled 9.5 million pounds in 1956. They appear to have about doubled in 1957.

Asia received 34.9 million pounds of dry whole milk in 1956. Denmark, Australia, and the Netherlands were the principal suppliers. Malaya and Singapore imported 10.7 million pounds in 1956, an increase of 3.1 million over 1955.

North American imports increased 23.4 percent in 1956 to 17.4 million pounds. The Netherlands, Canada, and Denmark were the largest shippers. The British West Indies and El Salvador were the largest markets.

Nonfat Dry Milk

The principal exporters of nonfat dry milk reported shipments of 449.5 million pounds in 1956, up 18.7 percent from 1955 (see table 2). All countries showed increased exports, except for the United Kingdom and Canada. Total exports apparently showed a small decline in 1957.

The Exporters

The United States, the leading exporter of nonfat dry milk, shipped 281.1 million pounds in 1956. 2/ In addition to shipments reported in official export statistics, 271.7 million pounds of U. S. nonfat dry milk were donated in 1956 to private relief organizations for shipment abroad and 48 million pounds were exported for feed use.

The greatest part of this 281 million pounds went to Asia, although South America, Mexico, and Italy also took substantial quantities. Of this total, over 10 million pounds were strictly commercial sales. The remainder represented exports under government programs--principally donations to UNICEF (United Nations Children's Fund)--but also included government-to-government sales at concessional prices for specified use, sales for foreign currency, and shipments under programs of the International Cooperation Administration for economic aid and famine relief.

2/ Department of Commerce Statistics. See Foreign Agriculture Circular FD 6-67, U. S. Trade in Dairy Products, July 22, 1957, for details of exports by types of program.

In 1957, U. S. exports of nonfat dry milk apparently fell off about 10 percent, with declines of 50 million pounds to Korea, 12 million pounds to Israel, 11 million pounds to Peru, and 7 million pounds to Turkey. Gains were 9 million pounds to Japan, 7 million pounds to the Philippines, and 5 million pounds to Brazil.

New Zealand, the second largest exporter of nonfat dry milk, exported 78.3 million pounds in 1956, about two-fifths of the world's strictly commercial shipments. Of this amount, 59.7 million pounds went to the United Kingdom. Shipments to India amounted to 15.4 million pounds, an 8.1-million-pound decline from 1955. In 1957, the United Kingdom and India took substantially more nonfat dry milk from New Zealand than they did in 1956.

Australia exported 55.2 million pounds of nonfat dry milk in 1956, 5.3 million pounds more than in 1955. Shipments to the United Kingdom rose from 19.3 to 30.9 million pounds in 1956; in 1957 these shipments showed a decline, but exports to India remained steady.

The Netherlands, while losing in the European market and gaining in Asia, increased its 1956 exports slightly to 21.1 million pounds. Dutch exports to India, however, appear to have declined sharply in 1957.

Denmark gained markets in the United Kingdom and India in 1956, and exported 6.1 million pounds of nonfat dry milk, in contrast to only 1.7 in 1955. Exports in 1957 are indicated down substantially.

Canada lost trade in Mexico but gained in India, and maintained a 5.9-million-pound export total in 1956. Shipments were apparently down sharply in 1957.

The United Kingdom, the world's primary importer, exported only 1.8 million pounds of nonfat dry milk in 1956, compared with 2.6 million in 1955. Imports in 1956 increased 36.8 percent over imports in 1955. Available figures indicate a sharp rise in exports in 1957.

The Importers

Asia's imports of 255.3 million pounds of nonfat dry milk in 1956 were 45.5 million pounds greater than in 1955. India's receipts of 73.3 million pounds came mainly from the United States, Australia, New Zealand, and the Netherlands. Large imports by Korea, Japan, Israel, and the Philippines came principally from the United States. Turkey received no nonfat dry milk in 1955, but took 9.8 million pounds from the United States in 1956.

Western Europe imported 108.7 million pounds of nonfat dry milk in 1956, compared to 92.2 reported for 1955. United Kingdom receipts, totaling 94.0 million pounds, came mainly from New Zealand (59.7 million pounds) and Australia (30.9).

South America increased its imports of nonfat dry milk from 39.8 million pounds in 1955 to 49.4 million pounds in 1956. Brazil with 15.9 million pounds and Peru with 11.2 were the principal importers. Peru and Bolivia showed definite import increases.

North American countries imported 28.0 million pounds in 1956. Mexico received 14.0 million pounds, compared with 5.6 million pounds in 1955.

African imports in 1956 totaled 5.9 million pounds, with a wide range in countries of origin, as well as particular countries of destination.

CANNED MILK

Canned milk exports from the 9 major suppliers in 1956 totaled 1,034 million pounds, an 11-percent increase over 1955, due to a sharp rise in shipments from the two leading exporters--the Netherlands and the United States (see table 6). Although United Kingdom shipments dropped slightly, it held third-place position, and its exports in 1957 appear to be higher than record exports of 1955.

Total canned milk exports from the world's major suppliers will show a slight decline in 1957 from 1956. Increased shipments from Denmark, the United Kingdom and France will not offset the apparent drop in Dutch canned milk exports. Condensed milk trade in 1957 probably will be below 1956, but trade in evaporated milk should show an increase.

Evaporated Whole Milk

The major suppliers exported 408.1 million pounds of evaporated whole milk in 1956, a 9-percent increase over 1955, due almost entirely to increased exports from the Netherlands and the United States. These two countries accounted for almost 80 percent of reported exports in 1956 (see table 4).

The Netherlands is the world's leading exporter of evaporated milk, but does not dominate the scene as in the case of condensed milk. Shipments from the Netherlands totaled 187.8 million pounds in 1956, 10 percent over 1955. Dutch evaporated milk continued to be marketed primarily in Asia, with the Philippine Republic, Hong Kong, Thailand, and smaller Asian markets increasing their takings. Dutch marketings in Africa also showed a significant increase. African countries took 22 percent of total 1956 Dutch evaporated milk exports, compared with 18 percent in 1955, primarily due to increased shipments to Ghana, Morocco, and Nigeria. The Netherlands shipped less evaporated milk to its traditional Belgian market; shipments to Peru showed a 6-million-pound decline in 1956.

In 1957, shipments to Peru rose substantially, and, along with increased sales to the Philippines, Dutch evaporated milk exports increased over those of 1956.

United States evaporated milk exports in 1956 totaled 170.1 million pounds, a 10-percent increase over 1955, due to larger shipments to the Philippines.

The Philippines have been the primary market for U. S. evaporated milk for several years, but many of the recent sales have been under Public Law 665, Sec.402. Evaporated milk sales to Greece and Burma in 1956 were for local currencies under Title I, P. L. 480. Shipments to Cuba fell from 18.3 million pounds in 1955 to 14.0 million pounds in 1956, while shipments to Mexico rose by 3 million pounds. U. S. marketings in Africa continued negligible in 1956.

U. S. evaporated milk exports in 1957 showed a decline of almost 6 million pounds. Sales of evaporated milk in 1957 under P. L. 480, Title I, are estimated at 6.6 million pounds, compared with 7.2 million pounds in 1956. Exports to Burma, Panama Canal Zone, and Mexico were down sharply in 1957, but those to the Philippines were down only slightly.

The United Kingdom exported 22.8 million pounds of evaporated milk in 1956, 1 million pounds less than that estimated from total canned milk data for 1955. Most of this milk went to Commonwealth countries. West Germany took 2.9 million pounds, and the Philippines took 1.4 million. They were the major markets outside the Commonwealth. Malta is the largest U. K. evaporated milk customer.

Evaporated milk exports in 1957 will show a sharp rise, as the United Kingdom expanded its markets outside the Commonwealth.

Canada's exports of evaporated whole milk in 1956 totaled 6.3 million pounds, a 1-million-pound gain over the previous year, due to increased sales to the British West Indies. Exports in 1957 are expected to show a 20 to 25-percent decline.

Denmark shipped 8.6 million pounds of evaporated whole milk in 1956, an 18-percent increase over 1955. Increased sales to India accounted for the rise in total exports.

France exported 6.6 million pounds of evaporated milk in 1956, half again as much as in 1955. The French pattern of trade did not change; all of France's exports went to French overseas territories in Africa and Asia. Within this pattern, however, exports expanded in 1957 to new highs for evaporated as well as condensed milk.

New Zealand and Australia continued to be minor exporters of evaporated whole milk. Both showed slight declines in 1956. Most of New Zealand's 1956 export of 3.7 million pounds went to India, while Australia's 2.8-million-pound export went to Malaya and smaller markets in Asia, Africa, and Oceania.

Sweden is a minor exporter of canned milk, but its shipments in 1957 (primarily evaporated) increased significantly over those of 1956. Production of canned milk reached 10.6 million pounds in the first 9 months of 1957, more than double that in the comparable period of 1956. Exports may have reached a 4.0 to 4.5-million-pound level in 1957.

Condensed Whole Milk

Sweetened condensed whole milk continued to be the major type of canned milk entering world trade in 1956, and exports from the major suppliers totaled 560.7 million pounds (see table 5). This was an increase of 13 percent over 1955. Most of this milk is marketed in Asia, where it is widely accepted for sweetening tea and cocoa.

The Netherlands supplied over half of the condensed whole milk entering world trade in both 1955 and 1956. Dutch exports in 1956 totaled 322.5 million pounds--a 13-percent increase over 1955. Although Dutch condensed milk is marketed worldwide, Asia is the primary market. In Ceylon, Hong Kong, Indonesia, the Philippine Republic, and Thailand, the Dutch were practically the sole suppliers of sweetened condensed whole milk in 1956. These countries imported over one-fourth of all condensed milk entering world trade. In addition, in 1956, the Netherlands supplied 90 percent of sweetened condensed milk marketed in Europe, 85 percent of that in South America, 65 percent of that in North America, and 63 percent of the condensed milk exported to Africa.

Dutch exports of sweetened condensed whole milk in 1957 may run as much as 20 percent under exports of 1956, because of decreased sales in Malaya and Indonesia; condensed skim milk exports will probably be down about 6 percent.

Australia ranks as the world's second leading sweetened condensed whole milk supplier. It shipped 64.7 million pounds in 1956, a 24-percent increase over 1955. Larger sales to Malaya, Australia's big market, were mainly responsible for the overall rise. In 1957, however, Malayan purchases will show a decline, as well as Singapore. This will probably cause Australian exports for 1957 to drop 10 to 15 percent from 1956.

The United Kingdom exported almost 56 million pounds of condensed whole milk in 1956, about two-thirds of which went to Malaya. U. K. trade statistics were not detailed enough in 1955 to allow a complete analysis of the pattern of U. K. canned milk exports; however, it is estimated that the decrease in canned milk shipments of all types was due in part to reduced condensed milk marketings in Commonwealth countries.

U. K. exports of sweetened condensed whole milk will show a slight increase in 1957, but shipments of condensed skim milk may have been slightly under those of 1956.

Denmark exported 47.1 million pounds of sweetened condensed whole milk in 1956, a 13-percent drop from the previous year, due to decreases in several Asian markets which more than offset increased exports to India and Malaya.

Because of sharply increased exports of condensed milk to Burma in 1957, Danish exports of all types of canned milk last year rose substantially. Total exports of canned milk may have reached the 87-million-pound level of 1953.

United States exports of condensed milk rose from 8 million pounds in 1955 to 39.9 million pounds in 1956, due entirely to sales to Indochina under Public Law 665, Sec. 402 (foreign aid).

U. S. exports of condensed milk declined to 38 million pounds in 1957, despite continued heavy shipments financed through P. L. 665, Sec. 402. Sales of condensed milk for foreign currencies (under Public Law 480, Title I) in 1957 are estimated to have been about 7 million pounds, compared to 1.3 million in 1956.

France's sweetened condensed whole milk shipments dropped to 22 million pounds, in 1956, a decline of 21 percent from 1955. Contrary to the export pattern of most of the major suppliers, French primary 1956 condensed milk markets were located in Africa rather than Asia. There was a sharp rise in shipments to Algeria coupled with a sharp decrease in exports to Indochina.

Little change in the markets for French exports is expected for 1957. However, it appears that France increased its exports to such an extent that its total exports of canned milk may have set a new French record.

New Zealand's exports of condensed milk in 1956 dropped to 6 million pounds--less than two-thirds of the 1955 export. In 1957, however, canned milk exports seem to have recovered from this low level, and may be near the 20-million-pound level recorded before New Zealand lost the U. K. market in 1954. Increased shipments of condensed milk to Malaya will account, to a considerable extent, for the overall rise.

Canada exported 2.6 million pounds of condensed milk in 1956, distributed almost equally between North and South America. This was double the quantity shipped in 1955. However, condensed milk shipments in 1957 will barely reach 1 million pounds.

TABLE 1.—Dry whole milk: Exports to specific areas of the world from major supplying countries, revised 1955 and preliminary 1956

Destination	Australia		Canada		Denmark		Netherlands		New Zealand		United Kingdom		United States		Total	
	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Western Europe																
Austria	—	—	—	—	—	—	1.1	0.2	—	—	—	—	—	0.1	1.1	0.3
Belgium-Luxembourg	—	—	—	—	—	—	11.2	12.8	—	—	—	—	1/	1/	11.2	12.8
France	—	—	—	—	1.0	1/	0.9	1.1	—	—	—	—	—	1/	1.9	1.1
Germany, Fed. Rep. of	—	—	—	—	—	0.5	7.7	8.4	—	—	2.2	0.6	—	1/	9.9	9.5
Greece	—	—	—	—	—	—	0.7	1.6	—	—	—	—	—	1/	0.7	1.6
Switzerland	—	—	—	—	0.1	0.4	1.4	1.3	—	—	—	—	—	—	1.5	1.7
United Kingdom	1.2	1.6	—	—	0.7	1.4	1.8	4.2	6.1	7.5	—	—	—	—	7.8	14.7
Other	1/	1/	1/	—	0.2	0.5	0.5	1.2	0.4	0.9	0.2	0.2	0.1	0.1	1.4	2.9
Total	1.2	1.6	1/	—	2.0	2.8	25.3	30.8	6.5	8.4	2.4	0.8	0.1	0.2	37.5	44.6
Eastern Europe																
Rumania	—	—	—	—	1.2	0.5	0.1	0.4	—	—	—	—	—	—	1.3	0.9
North America																
British West Indies	0.1	0.1	1.1	1.6	1.5	1.4	1.2	1.3	1/	1/	—	—	0.1	0.1	4.0	4.5
Costa Rica	—	—	0.3	0.5	0.3	0.6	0.8	0.7	—	—	—	—	0.2	0.3	1.6	2.1
Dominican Republic	—	—	—	—	0.2	0.3	0.2	0.6	—	—	—	—	0.2	0.1	0.6	1.0
El Salvador	—	—	0.1	0.1	0.3	0.2	1.0	2.2	—	—	—	—	0.1	0.1	1.5	2.6
Guatemala	—	—	0.7	0.7	0.4	0.4	0.3	0.5	—	—	—	—	0.2	0.2	1.6	1.8
Netherlands W. Indies	—	—	0.1	0.1	—	—	0.9	1.1	—	—	—	—	0.2	0.2	1.2	1.4
Other	1/	—	0.6	0.7	0.6	0.1	0.9	1.0	—	1/	—	—	1.5	1.2	3.6	3.0
Total	0.1	0.1	2.9	3.7	3.3	3.0	5.3	7.4	1/	1/	—	—	2.5	2.2	14.1	17.4
South America																
Bolivia	—	—	—	—	1.2	—	2.1	0.2	—	—	—	—	1/	1/	3.3	0.2
Brazil	—	—	—	—	7.8	10.3	—	—	—	—	—	—	0.5	1/	8.3	10.3
Colombia	—	—	—	—	—	—	2.0	0.6	—	—	1/	—	1.7	0.2	3.7	0.8
Venezuela	—	—	12.3	13.3	0.9	1.3	7.9	9.9	—	—	—	—	35.7	32.1	56.8	56.6
Other	1/	1/	0.2	0.2	—	0.5	0.8	0.8	1/	—	—	—	0.6	0.8	1.6	2.3
Total	1/	1/	12.5	13.5	9.9	12.1	12.8	11.5	1/	—	1/	—	38.5	33.1	73.7	70.2
Asia																
Burma	0.3	0.2	—	—	0.9	0.3	0.1	—	1/	0.1	1/	1/	—	—	1.3	0.6
Ceylon	1.9	2.4	—	—	—	0.3	1/	1/	—	—	1/	1/	—	1/	1.9	2.7
Hong Kong	0.5	0.6	1/	1/	0.4	0.5	0.2	0.3	1/	1/	—	—	0.1	1/	1.2	1.4
India	2.2	2.2	1/	—	1.3	2.1	0.4	0.3	0.1	0.1	0.1	1/	1/	1/	4.1	4.7
Indonesia	0.5	0.4	0.1	—	2.3	0.6	1.2	2.3	—	—	—	—	—	—	4.1	3.3
Israel	—	0.3	—	—	1/	—	1.0	1.1	—	—	—	—	1/	1/	1.0	1.4
Malaya and Singapore	2.8	3.5	0.1	1/	4.3	5.6	0.4	0.6	—	0.7	—	0.3	—	1/	7.6	10.7
Philippines, Rep. of	0.1	—	—	—	—	—	1/	0.1	—	1/	—	—	1.5	1.5	1.6	1.6
Saudi Arabia	—	—	—	—	—	—	1.0	1.4	—	—	—	—	—	—	1.0	1.4
Taiwan	1/	0.2	—	—	—	—	—	—	—	—	—	—	1.4	0.2	1.4	0.4
Thailand	0.3	0.3	0.4	—	0.7	0.8	0.3	0.9	1/	—	—	—	1/	1/	1.7	2.0
Other	0.8	0.3	—	0.1	1/	0.7	1.3	2.0	0.9	1/	0.5	0.3	0.4	1.3	3.9	4.7
Total	9.4	10.4	0.6	0.1	9.9	10.9	5.9	9.0	1.0	0.9	0.6	0.6	3.4	3.0	30.8	34.9
Africa																
Belgian Congo	—	—	1/	1/	0.3	0.5	1.3	1.6	—	—	—	—	1.3	1.2	2.9	3.3
Rhodesia and Nyasaland, Federation of	0.9	0.8	1/	1/	—	—	0.2	0.5	—	—	—	—	1/	—	1.1	1.3
Other	1.3	0.9	—	—	0.3	0.5	3.2	3.9	1/	0.1	0.1	0.1	0.1	0.2	5.0	5.7
Total	2.2	1.7	1/	1/	0.6	1.0	4.7	6.0	1/	0.1	0.1	0.1	1.4	1.4	9.0	10.3
Oceania	1.3	1.3	—	—	—	—	—	—	0.3	0.4	—	—	—	—	1.6	1.7
Other, n.e.s.	1/	0.2	0.1	—	2.1	2.1	0.2	0.5	—	1/	1.3	1.3	1/	0.2	3.7	4.3
Grand total	14.2	15.3	16.1	17.3	29.0	32.4	54.3	65.6	7.8	9.8	4.4	2.8	45.9	40.1	171.7	183.3

1/ Less than 50,000 pounds.

TABLE 2.—Nonfat dry milk: Exports to specific areas of the world from major supplying countries, revised 1955 and preliminary 1956

Destination	Australia		Canada		Denmark		Netherlands		New Zealand		United Kingdom		United States 1/		Total	
	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Western Europe																
Austria	—	—	—	—	—	—	1.1	1.2	—	—	—	—	0.1	0.1	1.2	1.3
Denmark	4.0	—	—	—	—	—	2.8	—	0.2	—	—	—	—	—	7.0	—
Germany, Fed. Rep. of	1.5	0.1	—	—	0.4	0.2	1.7	1.2	—	—	0.1	0.2	0.3	0.2	4.0	1.9
Italy	—	—	—	—	2/	—	0.1	—	—	—	—	—	7.1	8.3	7.2	8.3
United Kingdom	19.3	30.9	—	—	—	2.5	2.3	0.9	47.1	59.7	—	—	—	—	68.7	94.0
Other	0.2	0.1	0.1	2/	0.6	1.2	2.5	0.9	—	0.3	0.3	0.2	0.4	0.5	4.1	3.2
Total	25.0	31.1	0.1	2/	1.0	3.9	10.5	4.2	47.3	60.0	0.4	0.4	7.9	9.1	92.2	108.7
North America																
British West Indies	0.4	0.4	—	1.0	—	—	—	—	0.6	1.3	—	—	5.7	3.0	6.7	5.7
Canada	0.2	0.3	—	—	—	—	—	—	2.3	—	—	—	2/	0.9	2.5	1.2
El Salvador	—	—	—	2/	—	—	2/	0.1	—	—	—	—	1.3	0.2	1.3	0.3
Guatemala	—	—	—	2/	—	—	0.1	0.1	—	—	—	—	2.5	1.0	2.6	1.1
Haiti	—	—	—	2/	—	—	—	—	—	—	—	—	2.0	2/	2.0	2/
Honduras	—	—	—	2/	—	—	2/	—	—	—	—	—	0.2	1.5	0.2	1.5
Mexico	—	—	1.2	—	—	—	—	—	—	—	—	—	4.4	14.0	5.6	14.0
United States	1.0	1.0	0.4	0.3	0.5	—	—	0.1	—	—	—	—	—	—	1.9	1.4
Other	—	—	1.8	0.3	—	—	0.1	—	0.1	0.1	—	—	1.1	2.4	3.1	2.8
Total	1.6	1.7	3.4	1.6	0.5	—	0.2	0.3	3.0	1.4	—	—	17.2	23.0	25.9	28.0
South America																
Bolivia	—	—	—	—	—	—	—	—	—	—	—	—	2.4	7.5	2.4	7.5
Brazil	—	—	—	—	—	2/	—	—	—	—	—	—	13.5	15.9	13.5	15.9
Chile	—	—	—	—	—	—	—	—	—	—	—	—	10.9	5.1	10.9	5.1
Colombia	—	—	0.1	2/	—	—	2/	0.1	—	—	—	—	3.3	3.1	3.4	3.2
Paraguay	—	—	—	—	—	—	—	—	—	—	—	—	1.1	1.1	1.1	1.1
Peru	—	—	0.3	0.1	—	—	2/	2/	—	—	—	—	5.3	11.1	5.6	11.2
Venezuela	—	—	1.6	1.3	—	—	—	—	—	—	—	—	0.4	1.4	2.0	2.7
Other	2/	2/	—	—	—	—	0.1	—	2/	2/	—	—	0.8	2.7	0.9	2.7
Total	2/	2/	2.0	1.4	—	2/	0.1	0.1	2/	2/	—	—	37.7	47.9	39.8	49.4
Asia																
Burma	0.2	0.1	—	—	—	—	—	—	—	—	0.1	2/	1.0	2.6	1.3	2.7
Ceylon	1.7	1.5	—	2/	—	0.1	—	—	—	2/	—	—	0.9	0.1	2.6	1.7
India	18.1	18.7	2/	2.8	—	1.8	6.2	12.1	23.5	15.4	0.1	2/	18.0	22.5	65.9	73.3
Indonesia	0.3	0.3	—	—	—	—	0.4	0.1	2/	2/	—	—	2.0	5.2	2.7	5.6
Iran	—	—	—	—	—	—	2/	2/	—	—	—	—	1.2	3.1	1.2	3.1
Iraq	—	—	—	2/	—	—	2/	0.1	—	—	—	—	1.7	1.6	1.7	1.7
Israel	—	—	—	—	—	—	1.1	2/	0.3	—	—	—	20.7	22.4	22.1	22.4
Japan	—	2/	0.2	—	2/	—	—	2.2	—	—	—	—	45.7	50.4	45.9	52.6
Korea	—	—	—	2/	—	—	—	—	—	—	—	—	41.9	53.6	41.9	53.6
Lebanon	—	—	—	2/	—	—	2/	0.2	—	—	—	—	6.2	4.8	6.2	5.0
Malaya and Singapore	0.5	0.4	2/	—	—	—	2/	—	0.2	0.1	0.1	2/	1.3	—	2.1	0.5
Pakistan	—	—	—	2/	—	—	—	—	0.3	0.1	—	—	1.5	1.4	1.8	1.5
Philippines, Rep. of	0.2	0.3	0.1	—	—	—	2/	2/	0.2	0.1	—	—	6.2	12.6	6.7	13.0
Taiwan	—	—	—	—	—	—	—	—	—	—	—	—	4.1	3.2	4.1	3.2
Turkey	—	—	—	—	—	—	—	0.1	—	—	—	—	—	9.7	—	9.8
Other	0.4	0.3	—	—	—	—	0.3	0.4	0.2	0.1	—	0.1	2.7	4.7	3.6	5.6
Total	21.4	21.6	0.3	2.8	2/	1.9	8.0	15.2	24.7	15.8	0.3	0.1	155.1	197.9	209.8	255.3
Africa																
British West Africa	—	—	—	—	—	—	—	—	—	—	0.4	0.6	—	0.5	0.4	1.1
Egypt	—	—	—	—	—	—	—	0.1	2/	0.2	2/	2/	1.0	0.2	1.0	0.5
Other	0.7	0.6	0.1	0.1	0.1	—	1.0	0.7	0.4	0.6	0.3	0.1	0.2	2.2	2.8	4.3
Total	0.7	0.6	0.1	0.1	0.1	—	1.0	0.8	0.4	0.8	0.7	0.7	1.2	2.9	4.2	5.9
Oceania	0.3	0.2	—	—	—	—	—	—	0.2	0.3	—	—	—	—	0.5	0.5
Other, n.e.s.	0.9	2/	2/	—	0.1	0.3	0.2	0.5	0.1	2/	1.2	0.6	3.7	0.3	6.2	1.7
Grand total	49.9	55.2	5.9	5.9	1.7	6.1	20.0	21.1	75.7	78.3	2.6	1.8	222.8	281.1	378.6	449.5

1/ Shipments of nonfat dry milk for animal feed are excluded.
2/ Less than 50,000 pounds.

TABLE 3.—Dry milk, whole and nonfat: Exports to specific areas of the world from major supplying countries, revised 1955 and preliminary 1956

Destination	Australia		Belgium		Canada		Denmark		Netherlands		New Zealand		Sweden		Switzerland 1/		United Kingdom		United States 2/		Total	
	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Western Europe																						
Belgium-Luxembourg	—	—	—	—	0.1	—	—	—	11.6	13.1	—	—	—	—	0.2	0.2	—	0.8	3/	3/	11.9	14.1
Denmark	4.0	—	5.4	—	—	—	—	—	2.8	—	0.2	—	—	3/	—	3/	0.6	—	—	—	13.0	3/
France	—	—	—	—	3/	3/	1.4	0.4	1.1	1.4	—	—	—	—	4.6	6.7	—	—	3/	3/	7.1	8.5
Germany, Fed. Republic of	1.5	0.1	—	3/	—	—	0.4	0.7	9.4	9.5	—	—	0.5	3.1	0.1	3/	2.4	—	0.3	0.3	14.6	13.7
Italy	—	—	—	—	—	—	0.1	—	0.3	3/	—	—	—	3/	3/	3/	—	—	7.2	8.3	7.6	8.3
Netherlands	—	—	8.0	12.2	—	—	—	—	—	—	0.3	1.2	—	0.1	3/	0.1	—	—	—	3/	8.3	13.6
Switzerland	—	—	—	—	—	—	0.1	0.4	1.4	1.4	—	—	0.4	1.0	—	—	—	—	—	—	1.9	2.8
United Kingdom	20.5	32.5	—	0.7	—	—	0.7	3.9	4.2	5.1	53.3	67.1	—	0.4	—	—	—	—	—	—	78.7	109.7
Other	0.2	0.1	—	—	3/	—	0.4	1.3	5.0	4.5	—	—	0.1	—	0.1	0.1	0.5	0.4	0.5	0.7	6.8	7.1
Total	26.2	32.7	13.4	12.9	0.1	3/	3.1	6.7	35.8	35.0	53.8	68.3	1.0	4.6	5.0	7.1	3.5	1.2	8.0	9.3	149.9	177.8
Eastern Europe	—	—	—	—	—	—	1.2	0.5	0.1	0.4	—	—	—	3/	—	3/	—	—	—	—	1.3	0.9
North America																						
British W. Indies	0.5	0.6	—	—	2.4	2.6	1.5	1.4	1.2	1.3	0.6	1.3	—	—	—	3/	0.7	0.2	5.7	3.0	12.6	10.4
Costa Rica	—	—	—	—	0.3	0.5	0.3	0.6	0.8	0.7	—	—	0.2	3/	3/	3/	—	—	0.2	0.6	1.8	2.4
El Salvador	—	—	—	—	0.1	0.1	0.3	0.2	1.1	2.4	—	—	—	—	3/	3/	—	—	1.4	0.3	2.9	3.0
Guatemala	—	—	—	—	0.7	0.7	0.4	0.4	0.3	0.7	—	—	—	3/	3/	3/	—	—	2.8	1.2	4.2	3.0
Honduras	—	—	—	—	3/	0.3	—	3/	3/	0.2	—	—	—	0.1	3/	3/	—	—	0.6	1.7	0.6	2.3
Mexico	—	—	—	—	1.2	3/	—	—	—	0.1	—	—	—	—	3/	3/	—	—	4.4	14.2	5.6	14.3
Other	1.2	1.2	—	—	1.6	1.0	1.3	0.4	2.1	2.3	2.4	0.1	—	0.2	0.1	0.1	—	—	4.6	4.2	13.3	9.5
Total	1.7	1.8	—	—	6.3	5.2	3.8	3.0	5.5	7.7	3.0	1.4	0.2	0.3	0.1	0.1	0.7	0.2	19.7	25.2	41.0	44.9
South America																						
Bolivia	—	—	—	—	—	—	1.2	—	2.1	0.2	—	—	—	—	3/	3/	—	—	2.4	7.5	5.7	7.7
Brazil	—	—	—	—	—	—	7.8	10.3	—	—	—	—	—	—	—	3/	—	—	14.0	15.9	21.8	26.2
Chile	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.9	5.2	10.9	5.2
Colombia	—	—	—	—	0.1	3/	—	—	2.1	0.7	—	—	—	—	3/	3/	3/	—	5.0	3.3	7.2	4.0
Peru	—	—	—	—	0.3	0.1	—	0.3	0.2	0.1	—	—	—	—	3/	0.1	—	—	5.6	11.4	6.1	12.0
Venezuela	—	—	—	—	13.9	14.6	0.9	1.3	7.9	9.9	—	—	0.8	0.8	0.5	0.7	—	—	36.0	33.5	60.0	60.8
Other	3/	3/	—	—	0.2	0.3	—	0.3	0.6	0.8	3/	3/	—	0.1	0.1	—	—	—	2.4	4.2	3.3	5.7
Total	3/	3/	—	—	14.5	15.0	9.9	12.2	12.9	11.7	3/	3/	0.8	0.9	0.6	0.8	3/	—	76.3	81.0	115.0	121.6
Asia																						
Burma	0.4	0.3	—	—	—	—	0.9	0.3	0.1	—	3/	0.1	—	—	3/	3/	0.1	3/	1.0	2.6	2.5	3.3
Ceylon	3.6	3.8	—	—	—	3/	—	0.4	3/	3/	—	3/	—	—	3/	3/	0.2	0.2	0.9	0.1	4.7	4.5
India	20.3	20.9	—	6.8	0.1	2.8	1.3	3.9	6.6	12.5	23.5	15.5	0.1	0.1	3/	3/	0.1	3/	18.1	22.5	70.1	85.0
Indonesia	0.7	0.6	—	—	0.1	—	2.3	0.7	1.7	2.4	3/	3/	—	—	—	—	3/	—	2.0	5.2	6.8	8.9
Iran	0.3	—	—	—	—	—	—	—	0.1	0.1	—	—	—	—	0.4	0.3	—	—	1.3	3.2	2.1	3.6
Israel	—	—	—	—	—	—	3/	0.3	2.1	1.1	0.3	—	—	—	—	—	—	—	20.7	22.4	23.1	23.8
Japan	—	3/	—	—	0.2	—	—	—	—	2.2	—	—	—	—	—	—	—	—	45.7	50.6	45.9	52.8
Korea	3/	3/	—	—	—	3/	—	—	—	—	3/	3/	0.1	—	—	—	—	3/	42.0	53.7	42.1	53.7
Lebanon	—	3/	—	—	—	3/	—	0.2	0.5	0.8	—	—	—	3/	3/	3/	—	—	6.2	4.8	6.7	5.8
Malaya and Singapore	3.3	4.0	—	—	0.1	3/	4.3	5.6	0.4	0.6	1.1	0.8	—	—	3/	3/	0.4	0.4	1.3	1.8	10.9	13.2
Philippines, Republic of	0.3	0.3	—	—	0.1	—	—	—	3/	0.1	0.2	0.1	—	0.1	—	3/	—	—	7.7	14.1	8.3	14.7
Taiwan	3/	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.5	3.7	5.5	3.9
Turkey	—	—	—	—	—	—	—	—	3/	0.1	—	—	—	—	—	—	—	—	—	9.7	3/	9.8
Other	2.0	1.9	—	—	0.3	0.1	1.1	1.4	2.4	4.1	0.6	0.2	3/	3/	0.7	1.4	0.1	0.3	6.0	6.5	13.3	15.9
Total	30.9	32.0	—	6.8	0.9	2.9	9.9	12.8	13.9	24.0	25.7	16.7	0.2	0.2	1.1	1.7	0.9	0.9	158.4	200.9	241.9	298.9
Africa																						
Belgian Congo	—	—	1.3	1.6	3/	0.1	0.3	0.5	1.6	1.9	—	—	—	3/	3/	3/	—	—	1.3	1.2	4.5	5.3
Rhodesia and Nyasaland, Fed. of	1.1	1.1	—	—	—	—	—	—	0.3	0.5	0.3	0.2	—	—	—	—	0.4	0.7	3/	3/	2.1	2.5
Other	1.7	1.1	—	—	0.1	3/	0.3	0.6	3.8	4.4	0.1	0.7	0.4	0.7	1.6	1.7	0.4	0.9	1.3	3.1	9.7	13.2
Total	2.8	2.2	1.3	1.6	0.1	0.1	0.6	1.1	5.7	6.8	0.4	0.9	0.4	0.7	1.6	1.7	0.8	1.6	2.6	4.3	16.3	21.0
Oceania	1.5	1.5	—	—	—	—	—	—	—	—	0.5	0.8	—	3/	3/	3/	—	—	—	—	2.0	2.3
Other, n.e.s.	1.0	0.3	1.2	1.1	0.1	—	2.3	2.2	0.4	1.1	0.1	3/	0.4	0.1	3/	3/	1.1	0.7	3.7	0.5	10.3	6.0
Grand total	64.1	70.5	15.9	22.4	22.0	23.2	30.8	38.5	74.3	86.7	83.5	88.1	3.0	6.8	8.4	11.4	7.0	4.6	268.7	321.2	577.7	673.4

1/ Includes infant foods.
2/ Shipments of nonfat dry milk for animal feed are excluded.
3/ Less than 50,000 pounds.

TABLE 4.—Evaporated whole milk: Exports to specific areas of the world from major supplying countries, revised 1955 and preliminary 1956

Destination	Australia		Canada		Denmark		France		Netherlands		New Zealand		United Kingdom		United States		Total	
	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955 1/	1956	1955	1956	1955 1/	1956
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Western Europe																		
Belgium-Luxembourg	—	—	—	—	—	—	—	—	18.4	14.7	—	—	—	0.1	--	—	—	14.8
France	—	—	—	—	0.2	2/	—	—	1.0	1.2	—	—	—	2/	2/	2/	—	1.2
Germany, Fed. Rep. of	—	—	—	—	1.9	1.9	—	—	2.6	3.2	—	—	—	2.9	—	—	—	8.0
Greece	—	—	—	—	0.1	0.1	—	—	9.5	6.1	—	—	—	—	5.6	3.0	—	9.2
Malta	—	—	—	—	0.4	0.2	--	—	6.9	6.3	—	—	—	5.2	—	—	—	11.7
United Kingdom	—	—	—	—	0.4	0.4	—	—	0.5	0.4	—	—	—	—	—	—	—	0.8
Other	—	—	2/	0.1	0.6	0.4	—	—	4.2	6.3	—	—	—	2.1	—	2/	—	8.9
Total	—	—	2/	0.1	3.6	3.0	—	—	43.1	38.2	—	—	—	10.3	5.6	3.0	—	54.6
Eastern Europe	—	—	—	—	0.3	0.2	—	—	—	0.4	—	—	—	2/	—	—	—	0.6
North America																		
British West Indies	0.2	2/	2.8	3.4	—	—	—	—	2.0	2.7	2/	—	—	1.0	0.3	0.1	—	7.2
Cuba	—	—	—	—	—	—	—	—	5.2	6.0	—	—	—	—	18.3	14.0	—	20.0
Mexico	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.2	15.5	—	15.5
Netherlands West Indies	—	—	0.1	0.1	—	—	—	—	5.0	6.1	—	—	—	—	—	—	—	6.2
Other	—	—	1.8	1.7	2/	—	—	—	5.8	6.2	—	—	—	0.1	5.9	5.1	—	13.1
Total	0.2	2/	4.7	5.2	2/	—	—	—	18.0	21.0	2/	—	—	1.1	36.7	34.7	—	62.0
South America																		
Bolivia	—	—	—	—	—	—	—	—	2.1	3.4	—	—	—	—	—	—	—	3.4
British Guiana	0.2	2/	2/	0.2	—	—	—	—	3.4	3.6	—	—	—	0.3	—	—	—	4.1
Peru	—	—	2/	0.4	—	0.3	—	—	13.5	7.1	—	—	—	2/	1.7	0.7	—	8.5
Venezuela	—	—	0.2	0.1	2/	0.1	—	—	0.5	0.5	—	—	—	—	0.6	0.7	—	1.4
Other	—	—	2/	2/	—	—	—	—	—	0.4	—	—	—	0.3	0.3	0.2	—	0.9
Total	0.2	2/	0.2	0.7	2/	0.4	—	--	19.5	15.0	—	—	—	0.6	2.6	1.6	—	18.3
Asia																		
Burma	0.9	2/	—	—	2/	2/	—	—	3.5	3.2	—	—	—	—	—	4.3	—	7.5
Ceylon	2/	2/	—	—	—	—	—	—	0.4	0.1	—	—	—	2/	—	2/	—	0.1
Hong Kong	0.8	0.2	0.2	0.1	2/	—	—	—	7.5	10.7	—	—	—	0.2	2/	2/	—	11.2
India	0.1	2/	—	—	2/	1.9	—	—	1.3	0.3	3.3	2.9	—	0.1	—	2/	—	5.2
Indochina	—	—	—	0.1	2/	—	0.8	0.2	—	0.1	—	—	—	2/	0.2	1.4	—	1.8
Indonesia	2/	0.3	—	—	0.1	2/	—	—	2.9	3.3	—	—	—	—	—	0.4	—	4.0
Malaya and Singapore	0.5	1.1	0.1	—	0.2	0.2	—	—	3.7	2.9	0.1	—	—	4.2	—	0.1	--	8.5
Philippines, Rep. of	2/	2/	—	—	—	0.1	—	—	16.7	26.6	—	—	—	1.4	108.9	123.6	—	151.7
Thailand	2/	0.1	2/	—	2.0	1.7	—	—	8.2	9.4	—	0.1	—	—	2/	—	—	11.3
Other	0.1	0.3	0.1	0.1	0.1	0.4	—	—	11.3	14.8	2/	2/	—	2.3	0.6	0.6	—	18.5
Total	2.4	2.0	0.4	0.3	2.4	4.3	0.8	0.2	55.5	71.4	3.4	3.0	—	8.2	109.7	130.4	—	219.8
Africa																		
Algeria	—	—	—	—	0.1	0.1	2.0	3.5	1.5	2.4	—	—	—	—	—	—	—	6.0
Belgian Congo	—	—	—	—	—	—	—	—	0.8	0.9	—	—	—	—	—	—	—	0.9
British East Africa	2/	2/	—	—	—	—	—	—	1.9	2.0	—	—	—	0.1	—	—	—	2.1
French West Africa	—	—	—	—	0.4	0.3	1.0	1.7	3.5	3.0	—	—	—	—	—	—	—	5.0
Ghana	—	—	2/	—	—	—	—	—	6.7	8.4	—	—	—	0.5	—	—	—	8.9
Morocco	—	—	—	—	—	—	—	2/	5.9	9.3	—	—	—	2/	0.1	2/	—	9.3
Nigeria	—	—	—	—	—	—	—	—	5.4	8.2	—	—	—	0.3	2/	—	—	8.5
Tunisia	—	—	—	—	2/	—	—	0.4	0.9	1.0	—	—	—	—	—	—	—	1.4
Other	0.2	0.3	—	2/	0.2	0.1	0.4	0.2	4.6	6.4	0.1	0.1	—	1.7	2/	2/	—	8.8
Total	0.2	0.3	2/	2/	0.7	0.5	3.4	5.8	31.2	41.6	0.1	0.1	—	2.6	0.1	2/	—	50.9
Oceania	0.3	0.5	2/	—	—	—	—	—	—	—	0.8	0.6	—	2/	0.1	0.4	—	1.5
Others, n.e.s.	—	—	—	—	0.3	0.2	0.3	0.6	3.2	0.2	—	—	—	—	—	—	—	1.0
Grand total	3.3	2.8	5.3	6.3	7.3	8.6	4.5	6.6	170.5	187.8	4.3	3.7	3/ 23.8	22.8	154.8	170.1	3/ 373.8	408.1

1/ The United Kingdom did not differentiate between evaporated whole and condensed whole milk exports prior to 1956. Destination data, therefore, have been omitted from the 1955 United Kingdom export column and from the total 1955 column.

2/ Less than 50,000 pounds.

3/ Estimated.

TABLE 5.—Condensed whole milk: Exports to specific areas of the world from major supplying countries, revised 1955 and preliminary 1956

Destination	Australia		Canada		Denmark		France		Netherlands		New Zealand		United Kingdom		United States		Total	
	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955 1/	1956	1955	1956	1955 1/	1956
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Western Europe																		
Belgium-Luxembourg	—	—	—	—	—	—	—	—	2.0	3.0	—	—	—	2/	0.1	0.1	—	3.1
France	—	—	—	—	1.2	0.4	—	—	0.6	0.9	—	—	—	2/	—	—	—	1.3
Germany, Fed. Rep. of	—	—	—	—	0.1	0.2	—	—	0.1	0.2	—	—	—	0.1	—	—	—	0.5
Greece	—	—	—	—	—	—	—	—	11.5	12.2	—	—	—	2/	—	—	—	12.2
Malta	—	—	—	—	0.1	—	—	—	1.0	0.3	—	—	—	1.1	—	—	—	1.4
United Kingdom	2/	—	—	—	0.3	0.2	—	—	0.3	0.4	—	—	—	—	—	—	—	0.6
Other	—	—	—	—	0.3	0.3	—	—	3.8	6.0	—	—	—	0.2	—	—	—	6.5
Total	2/	—	—	—	2.0	1.1	—	—	19.3	23.0	—	—	—	1.4	0.1	0.1	—	25.6
Eastern Europe	—	—	—	—	2/	—	—	—	—	—	—	—	—	2/	—	—	—	2/
North America																		
British West Indies	2.7	2.3	0.1	1.0	—	—	—	—	9.8	14.8	—	—	—	11.6	—	—	—	29.7
Cuba	—	—	—	—	—	—	—	—	17.5	8.3	—	—	—	—	—	—	—	8.3
Mexico	—	—	—	0.1	—	—	—	—	—	0.6	—	—	—	—	—	2/	—	0.7
Netherlands West Indies	—	—	—	2/	—	—	—	—	0.1	0.2	—	—	—	2/	—	—	—	0.2
Other	—	—	0.1	0.1	2/	0.1	1.8	—	6.3	5.6	—	—	—	0.8	0.1	2/	—	6.6
Total	2.7	2.3	0.2	1.2	2/	0.1	1.8	—	33.7	29.5	—	—	—	12.4	0.1	2/	—	45.5
South America																		
Bolivia	—	—	—	2/	—	—	—	—	2.8	4.2	—	—	—	—	—	—	—	4.2
British Guiana	0.1	0.1	—	0.3	—	—	—	—	3.3	3.4	—	—	—	0.5	—	—	—	4.3
Peru	—	—	2/	2/	—	2/	—	—	0.8	0.7	—	—	—	—	—	—	—	0.7
Venezuela	—	—	1.0	0.7	0.1	0.1	—	—	1.4	2.0	—	—	—	—	2/	0.1	—	2.9
Other	—	—	—	—	—	0.1	—	—	0.8	0.3	—	—	—	2/	—	—	—	0.9
Total	0.1	0.1	1.0	1.0	0.1	0.2	—	—	9.1	11.1	—	—	—	0.5	2/	0.1	—	13.0
Asia																		
Burma	4.2	2.1	—	—	7.3	7.2	—	—	24.0	18.2	—	—	—	—	—	1.3	—	28.8
Ceylon	0.3	0.3	—	—	—	—	—	—	13.1	13.9	—	—	—	2/	—	—	—	14.2
Hong Kong	0.4	0.1	—	—	1.0	0.1	—	—	7.5	10.1	—	—	—	0.1	—	0.6	—	11.0
India	0.3	0.1	—	—	7.9	9.2	—	—	2.0	2.8	—	—	—	0.1	—	—	—	12.2
Indochina	—	—	—	0.4	7.2	0.4	16.0	3.9	7.4	3.8	—	—	—	—	6.0	35.0	—	43.5
Indonesia	0.8	2.2	—	—	7.5	6.5	—	—	20.1	48.9	—	—	—	0.1	2/	—	—	57.7
Malaya and Singapore	35.4	45.5	—	—	7.6	10.8	—	—	34.8	45.9	9.0	5.7	—	36.0	—	1.4	—	145.3
Philippines, Rep. of	2/	—	—	—	2/	—	—	—	22.3	22.3	—	—	—	—	0.1	0.2	—	22.5
Thailand	0.7	0.3	—	—	7.2	6.2	—	—	43.1	41.8	—	—	—	—	—	0.4	—	48.7
Other	3.6	6.8	2/	—	2/	—	—	—	8.3	11.0	—	—	—	3.1	1.7	0.8	—	21.7
Total	45.7	57.4	2/	0.4	45.7	40.4	16.0	3.9	182.6	218.7	9.0	5.7	—	39.4	7.8	39.7	—	405.6
Africa																		
Algeria	—	—	—	—	3.8	3.5	4.7	10.1	4.3	3.9	—	—	—	—	—	—	—	17.5
Belgian Congo	—	—	—	—	—	—	—	—	0.9	1.6	—	—	—	—	—	—	—	1.6
British East Africa	0.1	2/	—	—	2/	—	—	—	4.2	2.4	—	—	—	0.1	—	—	—	2.5
French West Africa	—	—	—	—	1.0	0.9	1.5	1.4	5.1	4.5	—	—	—	2/	—	—	—	6.8
Ghana	—	—	—	—	—	—	—	—	1.3	1.3	—	—	—	2/	—	—	—	1.3
Morocco	—	—	—	—	—	2/	—	0.3	7.8	9.1	—	—	—	—	—	—	—	9.4
Nigeria	—	—	—	—	—	—	—	—	0.5	0.7	—	—	—	2/	—	—	—	0.7
Tunisia	—	—	—	—	0.2	—	0.5	1.3	2.7	1.9	—	—	—	—	—	—	—	3.2
Other	1.6	2.2	—	—	0.3	0.8	3.2	1.4	12.8	14.6	—	—	—	2.1	—	—	—	21.1
Total	1.7	2.2	—	—	5.3	5.2	9.9	14.5	39.6	40.0	—	—	—	2.2	—	—	—	64.1
Oceania	2.1	2.7	0.1	—	—	—	—	—	—	—	0.3	0.3	—	2/	2/	2/	—	3.0
Others, n.e.s.	—	—	—	—	0.8	0.1	0.3	3.6	0.2	0.2	—	—	—	—	—	—	—	3.9
Grand total	52.3	64.7	1.3	2.6	53.9	47.1	28.0	22.0	284.5	322.5	9.3	6.0	3/ 58.0	55.9	8.0	39.9	3/ 495.3	560.7

1/ The United Kingdom did not differentiate between evaporated whole and condensed whole milk exports prior to 1956. Destination data, therefore, have been omitted from the 1955 United Kingdom export column and from the total 1955 column.

2/ Less than 50,000 pounds.

3/ Estimated.

TABLE 6.—Canned milk 1/: Exports to specific areas of the world from major supplying countries, revised 1955 and preliminary 1956

Destination	Australia		Canada		Denmark		France		Netherlands		New Zealand		Switzerland 2/		United Kingdom		United States		Total	
	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Western Europe																				
Belgium-Luxembourg	—	—	—	—	—	—	—	—	21.7	19.4	—	—	3/	3/	0.1	0.1	0.1	0.1	21.9	19.6
France	—	—	—	—	1.4	0.4	—	—	1.6	2.1	—	—	3/	3/	0.1	0.1	3/	3/	3.1	2.6
Germany, Fed. Rep. of	—	—	—	—	2.0	2.2	—	—	2.8	3.4	—	—	3/	3/	2.8	3.0	—	—	7.6	8.6
Greece	—	—	—	—	0.1	0.1	—	—	21.0	18.4	—	—	—	—	0.2	3/	5.6	3.0	26.9	21.5
Malta	—	—	—	—	0.5	0.2	—	—	7.8	6.6	—	—	—	—	4.9	8.0	—	—	13.1	14.8
United Kingdom	3/	—	—	—	0.7	0.5	—	—	1.2	1.0	—	—	3/	3/	—	—	—	—	1.9	1.5
Other	—	—	0.1	3/	0.9	0.7	—	—	8.0	12.5	—	—	0.1	0.1	3.9	2.5	—	3/	13.0	15.8
Total	3/	—	0.1	3/	5.6	4.1	—	—	64.1	63.4	—	—	0.1	0.1	12.0	13.7	5.7	3.1	87.4	84.4
Eastern Europe	—	—	—	—	0.4	0.2	—	—	—	0.4	—	—	—	—	0.1	3/	—	—	0.5	0.6
North America																				
British West Indies	2.9	2.3	2.9	4.4	—	—	—	—	12.1	17.9	3/	—	—	—	14.9	12.8	0.3	0.1	33.1	37.6
Cuba	—	—	—	—	—	—	—	—	22.7	14.3	—	—	—	—	—	—	18.3	14.0	41.0	28.3
Mexico	—	—	—	0.1	—	—	—	—	—	0.6	—	—	—	—	—	—	12.2	15.5	12.2	16.2
Netherlands West Indies	—	—	0.1	0.1	—	—	—	—	5.2	6.3	—	—	—	—	3/	3/	—	—	5.3	6.4
Other	—	—	1.8	1.8	3/	0.1	1.8	—	12.0	11.8	—	—	—	3/	1.2	0.9	6.0	5.1	22.8	19.7
Total	2.9	2.3	4.8	6.4	3/	0.1	1.8	—	52.0	50.9	3/	—	—	3/	16.1	13.7	36.8	34.7	114.4	108.1
South America																				
Bolivia	—	—	—	3/	—	—	—	—	4.9	7.6	—	—	—	—	2.0	—	—	—	6.9	7.6
British Guiana	0.3	0.1	3/	0.6	—	—	—	—	6.7	7.0	—	—	—	—	1.0	1.3	—	—	8.0	9.0
Peru	—	—	3/	0.4	—	0.3	—	—	14.4	7.7	—	—	—	—	0.1	3/	1.7	0.7	16.2	9.1
Venezuela	—	—	1.2	0.8	0.2	0.2	—	—	1.9	2.5	—	—	—	—	—	—	0.6	0.8	3.9	4.3
Other	—	—	—	—	—	0.1	—	—	0.8	1.4	—	—	—	—	0.3	0.3	0.3	0.2	1.4	2.0
Total	0.3	0.1	1.2	1.8	0.2	0.6	—	—	28.7	26.2	—	—	—	—	3.4	1.6	2.6	1.7	36.4	32.0
Asia																				
Burma	5.1	2.1	—	—	7.3	7.2	—	—	27.5	21.4	—	—	—	—	3/	—	—	5.6	39.9	36.3
Ceylon	0.3	0.3	—	—	—	—	—	—	13.6	14.0	—	—	3/	3/	0.1	3/	—	3/	14.0	14.3
Hong Kong	1.2	0.3	0.2	0.1	1.0	3/	—	—	16.7	23.2	—	—	—	—	1.7	1.1	3/	0.6	20.8	25.3
India	0.4	0.1	—	—	7.9	11.1	—	—	4.1	4.1	3.3	3.0	3/	—	0.3	0.2	—	3/	16.0	18.5
Indochina	—	—	—	0.5	7.2	0.4	16.8	4.1	7.4	3.9	—	—	0.3	3/	—	3/	6.2	36.4	37.9	45.3
Indonesia	0.8	2.5	—	—	7.6	6.6	—	—	23.0	52.2	—	—	0.2	0.6	3/	0.1	3/	0.4	31.6	62.4
Malaya and Singapore	35.9	46.6	3/	—	7.8	11.0	—	—	38.5	48.8	9.0	5.7	0.5	1.4	43.8	40.9	—	1.5	135.5	155.9
Philippines, Republic of	3/	3/	—	—	3/	0.1	—	—	39.5	49.1	—	—	3.5	4.0	0.3	1.4	109.0	123.9	152.3	178.5
Thailand	0.7	0.4	3/	—	9.2	7.9	—	—	66.1	72.3	3/	—	2.1	2.9	0.5	—	3/	0.4	78.6	83.9
Other	3.7	7.1	0.2	0.1	0.1	0.4	—	—	20.8	27.3	0.1	3/	0.2	3/	4.8	5.9	2.3	1.3	32.2	42.1
Total	48.1	59.4	0.4	0.7	48.1	44.7	16.8	4.1	257.2	316.3	12.4	8.7	6.8	8.9	51.5	49.6	117.5	170.1	558.8	662.5
Africa																				
Algeria	—	—	—	—	3.9	3.6	6.7	13.6	5.9	6.3	—	—	—	—	—	—	—	—	16.5	23.5
Belgian Congo	—	—	—	—	3/	—	—	—	2.0	3.2	—	—	1.1	0.6	3/	—	—	—	3.1	3.8
British East Africa	0.1	3/	—	—	3/	—	—	—	13.5	11.1	—	—	—	—	0.5	0.2	—	—	14.1	11.3
French West Africa	—	—	—	—	2.0	1.7	2.5	3.1	8.8	7.6	—	—	1.2	0.1	—	3/	—	—	14.5	12.5
Ghana	—	—	3/	—	—	—	—	—	8.3	12.8	—	—	—	—	0.8	0.6	—	—	9.1	13.4
Morocco	—	—	—	—	—	3/	—	0.3	13.7	18.4	—	—	—	—	3/	3/	0.1	3/	13.8	18.7
Nigeria	—	—	—	—	—	—	—	—	6.7	10.3	—	—	3/	3/	0.3	0.3	3/	—	7.0	10.6
Tunisia	—	—	—	—	0.2	—	0.7	1.7	5.7	5.3	—	—	—	—	—	—	—	—	6.6	7.0
Other	1.8	2.5	—	3/	0.3	0.7	3.4	1.6	20.0	25.3	0.1	3/	0.7	1.3	8.2	4.7	—	3/	34.5	36.1
Total	1.9	2.5	3/	3/	6.4	6.0	13.3	20.3	84.6	100.3	0.1	3/	3.0	2.0	9.8	5.8	0.1	3/	119.2	136.9
Oceania	2.4	3.2	0.1	—	—	—	—	—	—	—	1.2	1.0	—	—	3/	3/	0.1	0.4	3.8	4.6
Others, n.e.e.	—	—	—	—	1.2	0.3	0.6	4.2	5.3	0.5	—	—	—	—	—	—	—	—	7.1	5.0
Grand total	55.6	67.5	6.6	8.9	61.9	56.0	32.5	28.6	491.9	558.0	13.7	9.7	9.9	11.0	92.9	84.4	162.8	210.0	927.8	1,034.1

1/ Condensed and evaporated milk, whole and skim.
2/ Includes sterilized milk.
3/ Less than 50,000 pounds.

UNITED STATES DEPARTMENT OF AGRICULTURE
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